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ANNUAL REPORT  
OF THE  
BOARD OF SURVEY



FOR THE YEAR 1884.

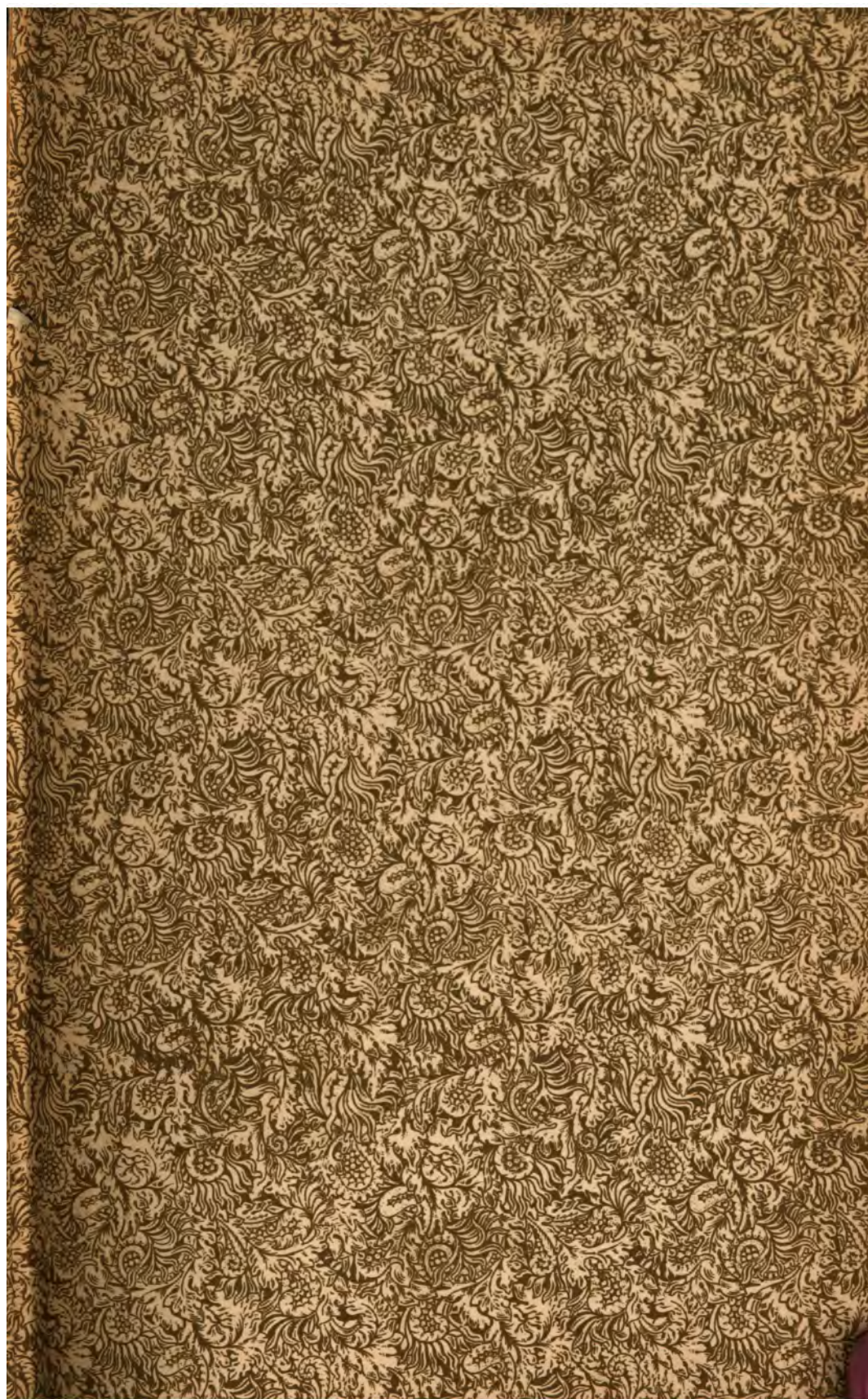
HARVARD UNIVERSITY



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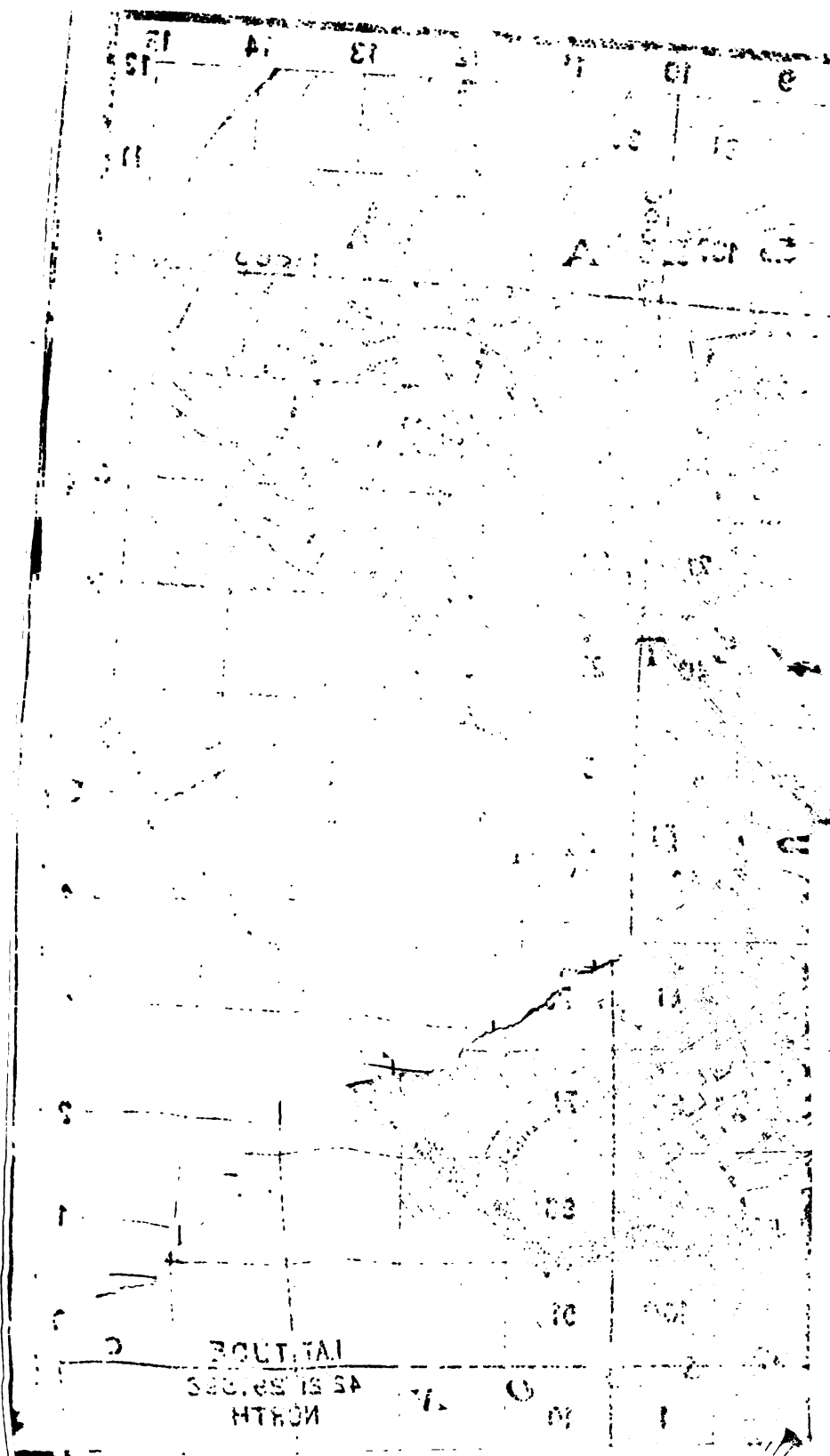
The School of  
Landscape Architecture











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ANNUAL REPORT  
OF THE  
BOARD OF SURVEY

OF THE  
CITY OF BOSTON,

For the Year 1894.



BOSTON:  
ROCKWELL AND CHURCHILL, CITY PRINTERS.  
1895.

7 Nov. 1910

DEPARTMENT OF ARCHITECTURE  
HARVARD UNIVERSITY.

Gift of  
Street Laying-Out Department

67

T. S.

75

Boat

OFFICE OF THE BOARD OF SURVEY,

BOSTON, February 1, 1895.

HON. EDWIN U. CURTIS,

*Mayor of the City of Boston:*

In submitting their report upon the progress of their work from February 1, 1894, to date, the Board of Survey have continued the method used in former years, of presenting a separate statement in detail of what has been accomplished within the areas shown upon each of the large plans used at their preliminary hearings. These preliminary hearings are given under the requirements of the statute, to inform citizens of the intention of the Board to take up the consideration of their territory, and to obtain from them such information upon the subject as an examination of the ground and a study of the localities might not discover.

From this course the residents of different parts of the city have become familiar with the Board's distribution of its work in plats, and can turn at once to the detailed statements under each that follow, for knowledge of what has been done during the year in the vicinities of interest to individual or groups of owners.

At the end of the different statements appears a summary of all the work accomplished in the various sections.

With each division or plat upon which the Board is at work is inserted a plan showing the entire treatment it has received to the present time. There is also shown at the end of the statement concerning Plan 3, a reproduction, at half scale, of two plans of a part of that territory as finished by the Board for filing with the City Surveyor. Accompanying them is a contour plan, showing elevations at every ten feet, of a locality partly covered by one of these plans.

An index plan is placed next the front cover.

## PLAN 2.

## PART OF BACK BAY.

Area . . . . . 133.02 acres

One preliminary hearing upon the whole territory, and one second hearing on sections in detail, have been given on this plan.

No new work was undertaken, its entire treatment having previously been accomplished, and the plans covering the same approved and filed.

One Sectional Plan of Section N 23, complete with grades; size, 4 ft. by 4 ft.; scale,  $\frac{1}{250}$ ; was approved by the Mayor and filed with the City Surveyor May 22, 1894.

In the territory of about 15 acres covered by the above sectional plan, there are comprised:

## Public streets:

Number of streets . . . . . 1

Length . . . . . 765 ft. = 0.14 mile

Area . . . . . 122,400 sq. ft. = 2.81 acres

New streets established, private streets adopted, and public streets widened by the Board of Survey:

Number of streets . . . . . 3

Length . . . . . 1,260 ft. = 0.24 mile

Area . . . . . 62,415 sq. ft. = 1.43 acres

## Totals:

Number of streets . . . . . 4

Length . . . . . 2,025 ft = 0.38 mile

Area . . . . . 184,815 sq. ft. = 4.24 acres

Percentage of area of above territory, exclusive of park, river, etc., absorbed by all streets, old and new, 27.70%

The following is a statement of the work previously done:

Preliminary Plan of whole territory, showing existing public and private streets, estates, with owners' names, etc.; size, 12 ft. 3 in. by 5 ft.; scale, 50 ft. to an inch.

Large Plan from actual survey; size, 32 ft. by 5 ft.; scale,  $\frac{1}{250}$ .

Index Plan ; size, 4 ft. by 4 ft. ; scale,  $\frac{1}{1500}$ .

Grade Plan of whole territory, comprising 13 sections ; size, 5 ft. 6 in. by 3 ft. ; scale,  $\frac{1}{1000}$ .

Grade Plan of 27 streets ; scale,  $\frac{1}{1000}$ .

Seven Plans and Profiles, showing grades of streets ; scales,  $\frac{1}{250}$  and  $\frac{1}{50}$ .

Three Studies for different routes of Audubon road, showing grades ; scale,  $\frac{1}{1500}$ .

Two Plans and Profiles for use of the Street Commissioners.

Two Sectional Plans of sections N 41 and M 30, complete with grades ; size of each, 4 ft. by 4 ft. ; scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor, and filed February 20 and May 24, 1892, with the City Surveyor.

Ten Sectional Plans of Sections M 28, M 29, M 31, M 32, M 33, N 21, N 22, N 39, N 40, and N 42, complete with grades ; size of each, 4 ft. by 4 ft. ; scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor and filed January 4, 1894, with the City Surveyor.

In the territory of about 117.82 acres covered by the above sectional plans, there are comprised :

Public streets :

|                   |                                 |
|-------------------|---------------------------------|
| Number of streets | 5                               |
| Length            | 5,086 ft. = 0.96 mile           |
| Area              | 1,202,507 sq. ft. = 27.60 acres |

New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                   |                               |
|-------------------|-------------------------------|
| Number of streets | 15                            |
| Length            | 16,265 ft. = 3.08 miles       |
| Area              | 744,338 sq. ft. = 17.09 acres |

Totals :

|                   |                                 |
|-------------------|---------------------------------|
| Number of streets | 18                              |
| Length            | 21,351 ft. = 4.04 miles         |
| Area              | 1,946,845 sq. ft. = 44.69 acres |

Percentage of area of above territory, exclusive of park, river, etc., absorbed by all streets, old and new, 37.93%

In connection with the sectional and other plans enumerated above, the following work has been done :

|                                                   |     |
|---------------------------------------------------|-----|
| Number of estates surveyed                        | 71  |
| Number of conveyances copied and titles looked up | 635 |
| Number of plans copied from Suffolk Registry      | 135 |
| Number of buildings located and measured          | 90  |

Total number of plans filed to date : Sections M 28, M 29, M 30, M 31, M 32, M 33, N 21, N 22, N 23, N 39, N 40, N 41, and N 42.

Number . . . . . 13

In the territory of about 133.02 acres covered by the above 13 Sectional Plans, there are comprised :

**Public streets :**

Number of streets . . . . . 5

Length . . . . . 5,851 ft. = 1.11 miles

Area . . . . . 1,324,907 sq. ft. = 30.42 acres

New streets established, private streets adopted, and public streets widened by the Board of Survey :

Number of streets . . . . . 17

Length . . . . . 17,525 ft. = 3.32 miles

Area . . . . . 806,753 sq. ft. = 18.52 acres

**Totals :**

Number of streets . . . . . 22

Length . . . . . 23,376 ft. = 4.43 miles

Area . . . . . 2,131,660 sq. ft. = 48.93 acres

Percentage of area of above territory, exclusive of park, river, etc., absorbed by all streets, old and new, 36.84%

**PLAN 3.**

**Part of Neponset :**

Area . . . . . 1,551 acres

**Public streets :**

Number of streets . . . . . 43

Length . . . . . 83,460 feet = 15.80 miles

**Private streets :**

Number of streets . . . . . 95

Length . . . . . 67,300 feet = 12.73 miles

Number of estates in Plan 3 . . . . . 1,503

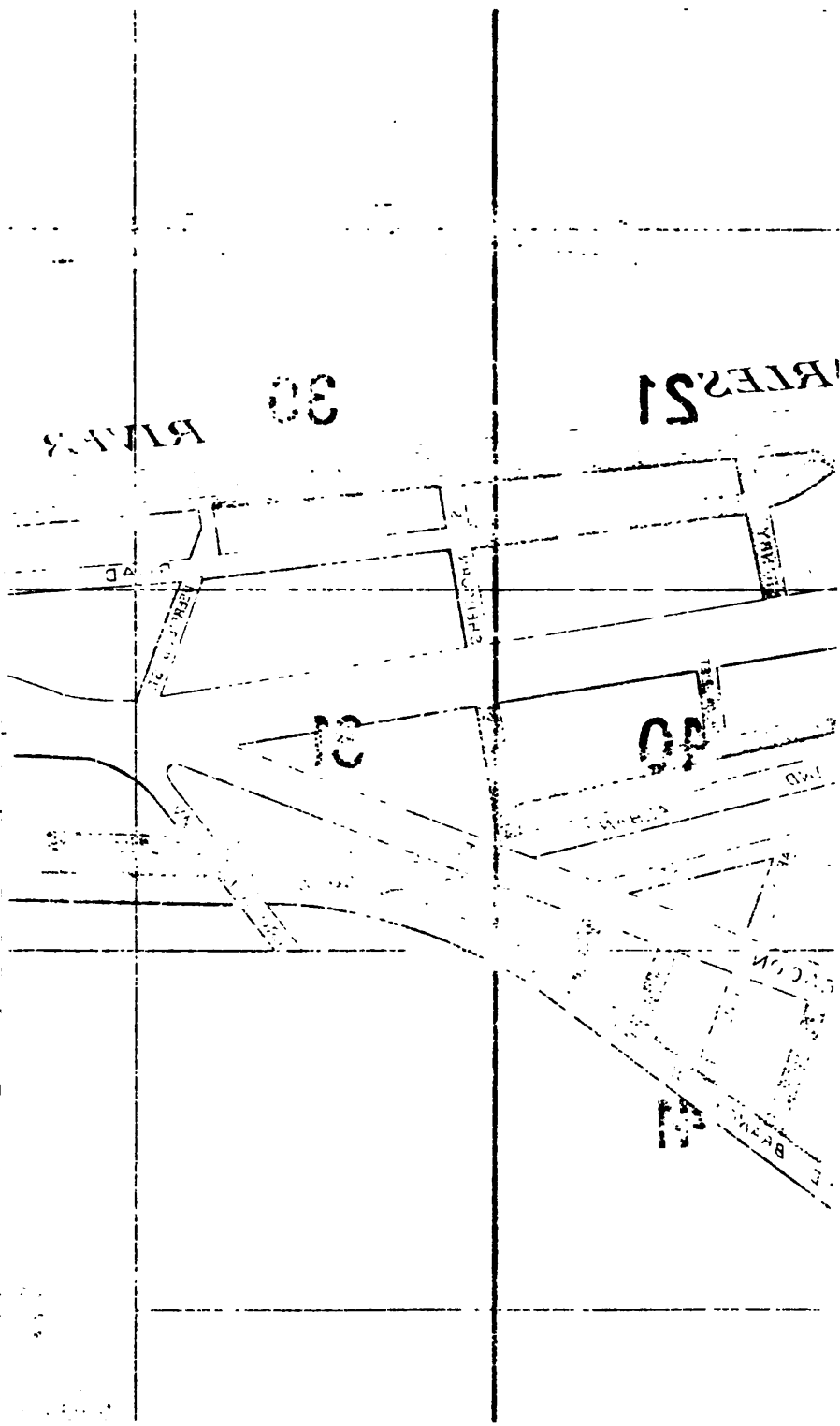
One preliminary hearing upon the whole territory, and six second hearings on sections in detail, have been given on this plan.

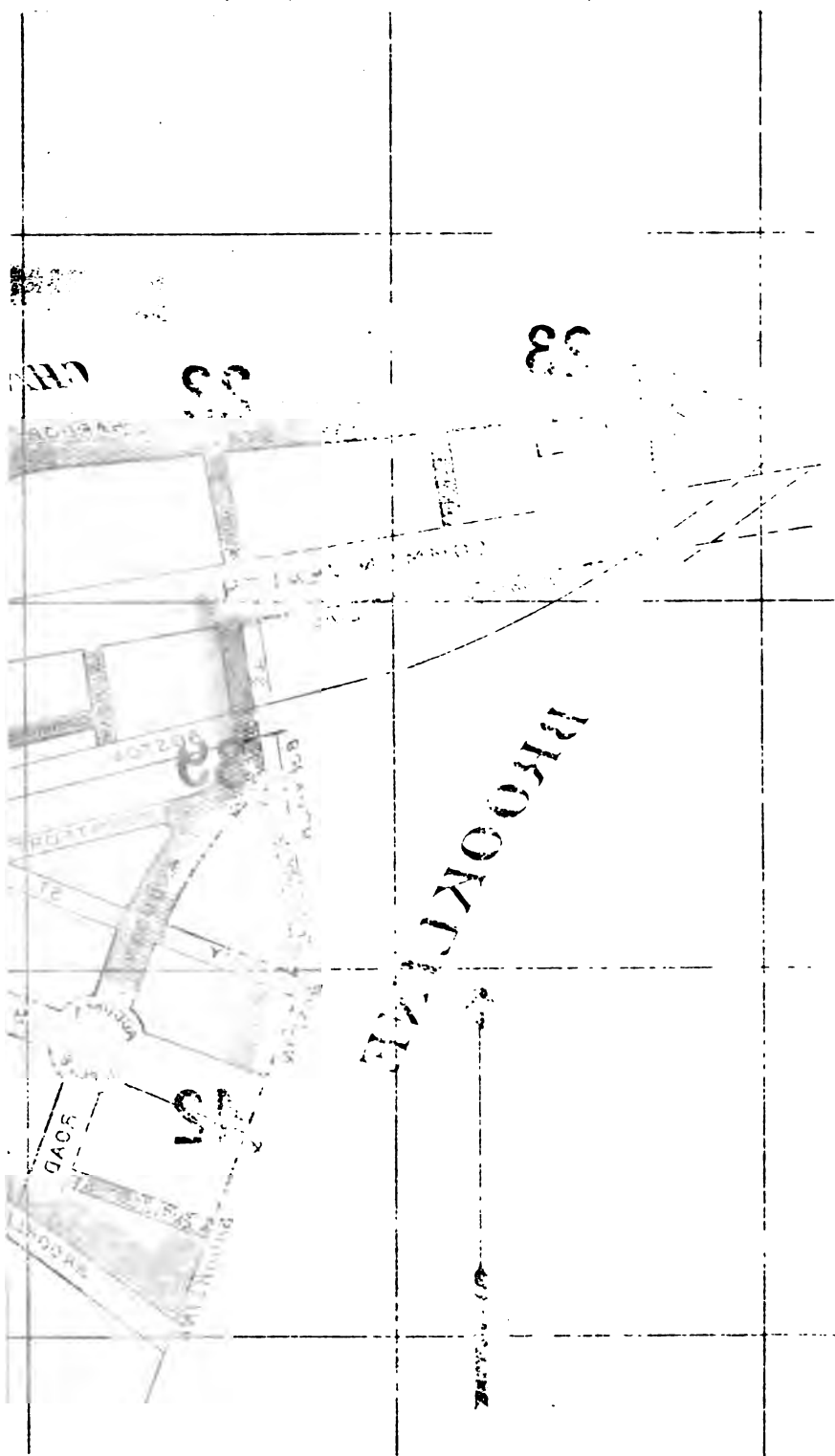
A number of important thoroughfares and improvements for this district were suggested in a previous report, and a part of the plans for them have been made and filed.

The following is a statement of the work of the year on this territory :

Two Sectional Plans of sections W 49 and W 50, complete with grades ; size of each, 4 ft. by 4 ft. ; scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor and filed May 22, 1894, with the City Surveyor.





In the territory of about 45.91 acres covered by the above sectional plans, there are comprised :

**Public streets :**

|                   |                           |
|-------------------|---------------------------|
| Number of streets | 3                         |
| Length            | 2,375 ft.=0.45 mile       |
| Area              | 96,792 sq. ft.=2.22 acres |

New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                   |                            |
|-------------------|----------------------------|
| Number of streets | 15                         |
| Length            | 9,775 ft.=1.85 miles       |
| Area              | 299,500 sq. ft.=6.87 acres |

**Totals :**

|                   |                            |
|-------------------|----------------------------|
| Number of streets | 17                         |
| Length            | 11,310 ft.=2.14 miles      |
| Area              | 396,292 sq. ft.=9.10 acres |

Percentage of area of above territory absorbed by all streets, old and new . . . . . 19.81%

The following is a statement of the work previously done :

Preliminary Plan showing existing public and private streets, estates, owners' names, etc. ; size, 14 ft. by 10 ft. ; scale,  $\frac{1}{1000}$ .

Fifteen Plans from actual survey comprising 37 sections ; average size of plans, 12 ft. by 5 ft. ; scale,  $\frac{1}{250}$ .

Thirty-two Sectional Plans of sections W 33, W 34, W 47, W 48, W 55, W 66, W 72, W 73, W 74, W 75, W 76, W 85, W 86, W 87, W 88, W 89, W 90, W 91, W 92, W 93, W 94, W 95, W 96, Ee 1, Ee 20, Ee 21, Ff 9, Ff 10, Ff 11, Ff 12, Ff 29, and Ff 30, complete with grades ; size of each, 4 ft. by 4 ft. ; scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor and filed January 3, 1894, with the City Surveyor.

In the territory of about 651.21 acres covered by the above sectional plans, there are comprised :

**Public streets :**

|                   |                               |
|-------------------|-------------------------------|
| Number of streets | 20                            |
| Length            | 28,040 ft.=5.31 miles         |
| Area              | 1,281,863 sq. ft.=29.43 acres |

New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                   |                                |
|-------------------|--------------------------------|
| Number of streets | 113                            |
| Length            | 108,183 ft.=20.49 miles        |
| Area              | 5,104,950 sq. ft.=117.20 acres |

**Totals :**

|                   |                                |
|-------------------|--------------------------------|
| Number of streets | 125                            |
| Length            | 123,003 ft.=23.30 miles        |
| Area              | 6,386,813 sq. ft.=146.62 acres |

Percentage of area of above territory, exclusive of park, river, etc., absorbed by all streets, old and new, 25.05%

Two Grade Plans of 35 sections ; sizes, 7 ft. by 5 ft., and 5 ft. by 4 ft. ; scale,  $\frac{1}{1000}$ .

One hundred and twenty-one Plans and Profiles, showing grades of streets ; scales,  $\frac{1}{250}$  and  $\frac{1}{50}$ .

Two Plans of Marsh-street hill, showing contours at every foot ; size of each, 14 ft. by 5 ft. ; scale,  $\frac{1}{250}$ .

Number of conveyances copied and titles looked up . . . 793

Number of plans copied from Suffolk Registry . . . 284

Number of buildings located and measured . . . 1,029

Total number of plans filed to date :

Sections W 33, W 34, W 47, W 48, W 49, W 50, W 55, W 66, W 72, W 73, W 74, W 75, W 76, W 85, W 86, W 87, W 88, W 89, W 90, W 91, W 92, W 93, W 94, W 95, W 96, Ee 1, Ee 20, Ee 21, Ff 9, Ff 10, Ff 11, Ff 12, Ff 29, and Ff 30. Number, 34.

In the territory of about 697.12 acres covered by the above 34 sectional plans, there are comprised :

Public streets :

Number of streets . . . . . 20

Length . . . . . 30,415 ft. = 5.76 miles

Area . . . . . 1,378,655 sq. ft. = 31.65 acres

New streets established, private streets adopted, and public streets widened by the Board of Survey :

Number of streets . . . . . 124

Length . . . . . 117,958 ft. = 22.34 miles

Area . . . . . 5,404,450 sq. ft. = 124.07 acres

Totals :

Number of streets . . . . . 136

Length . . . . . 134,313 ft. = 25.44 miles

Area . . . . . 6,783,105 sq. ft. = 155.72 acres

Percentage of area of above territory, exclusive of park, river, etc., absorbed by all streets, old and new, 24.67%

The appended plan shows the projection of new streets, etc., and the location of sections of which plans have been filed.

#### PLAN 4.

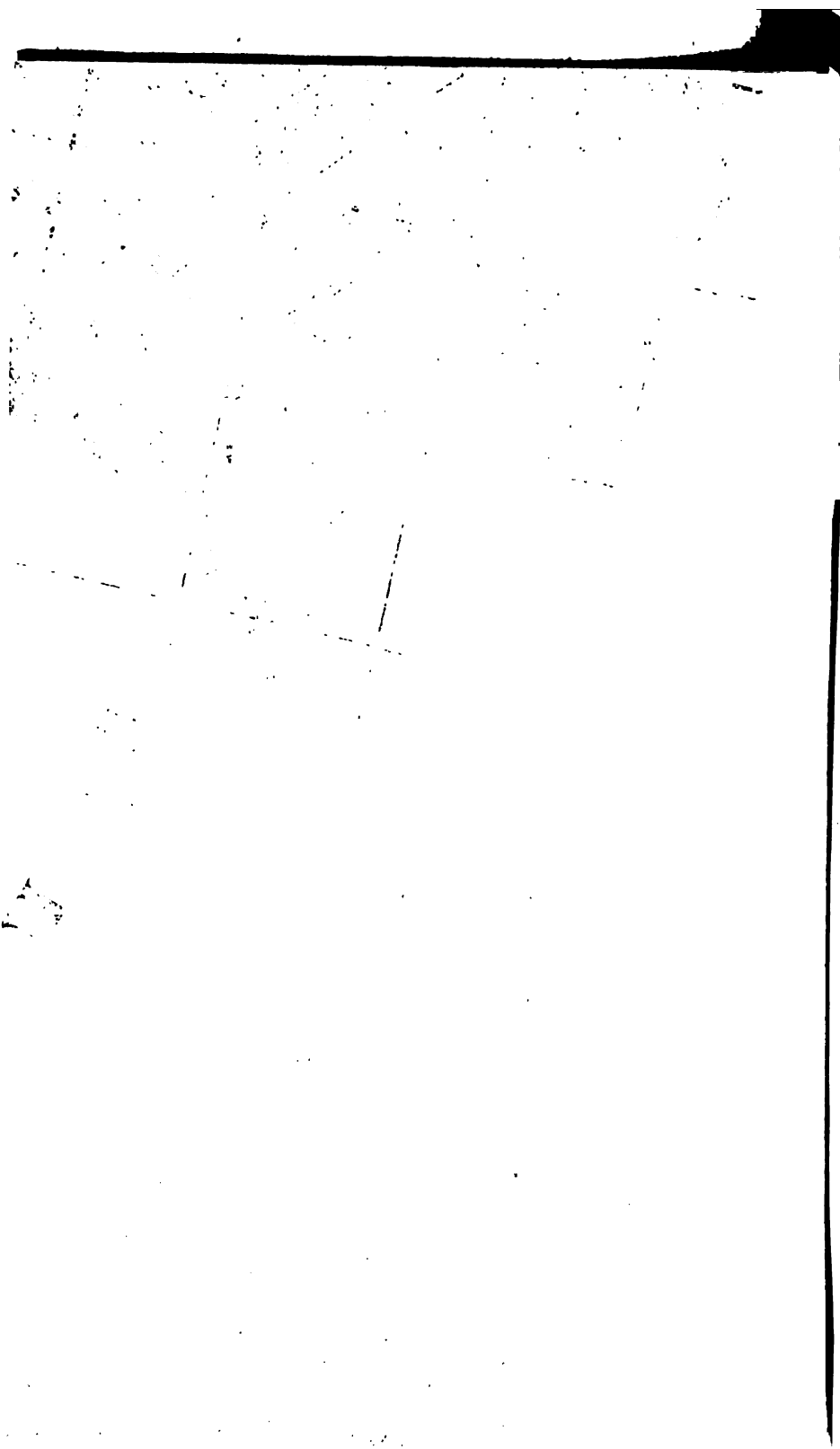
Area . . . . . 666 acres

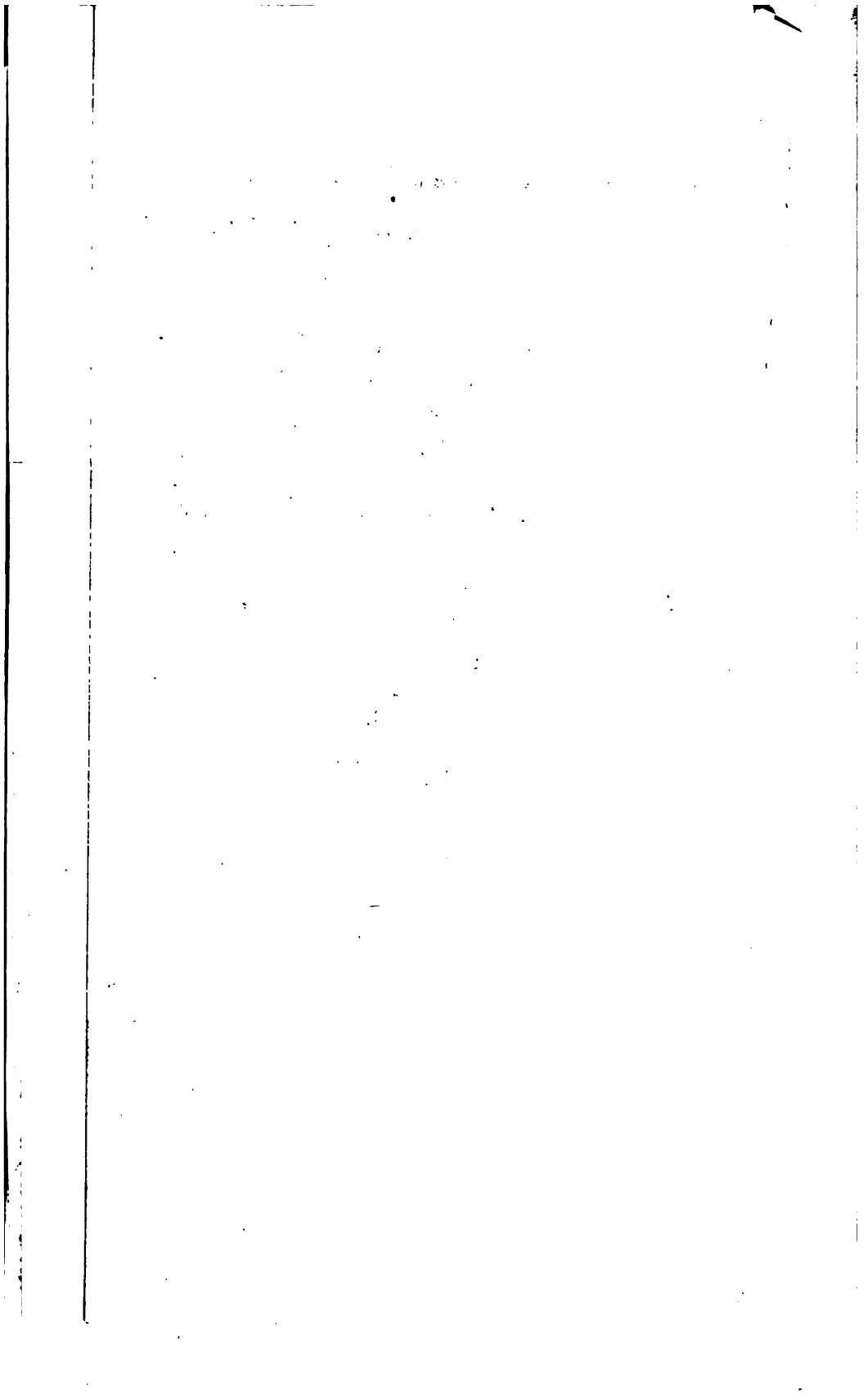
Public streets :

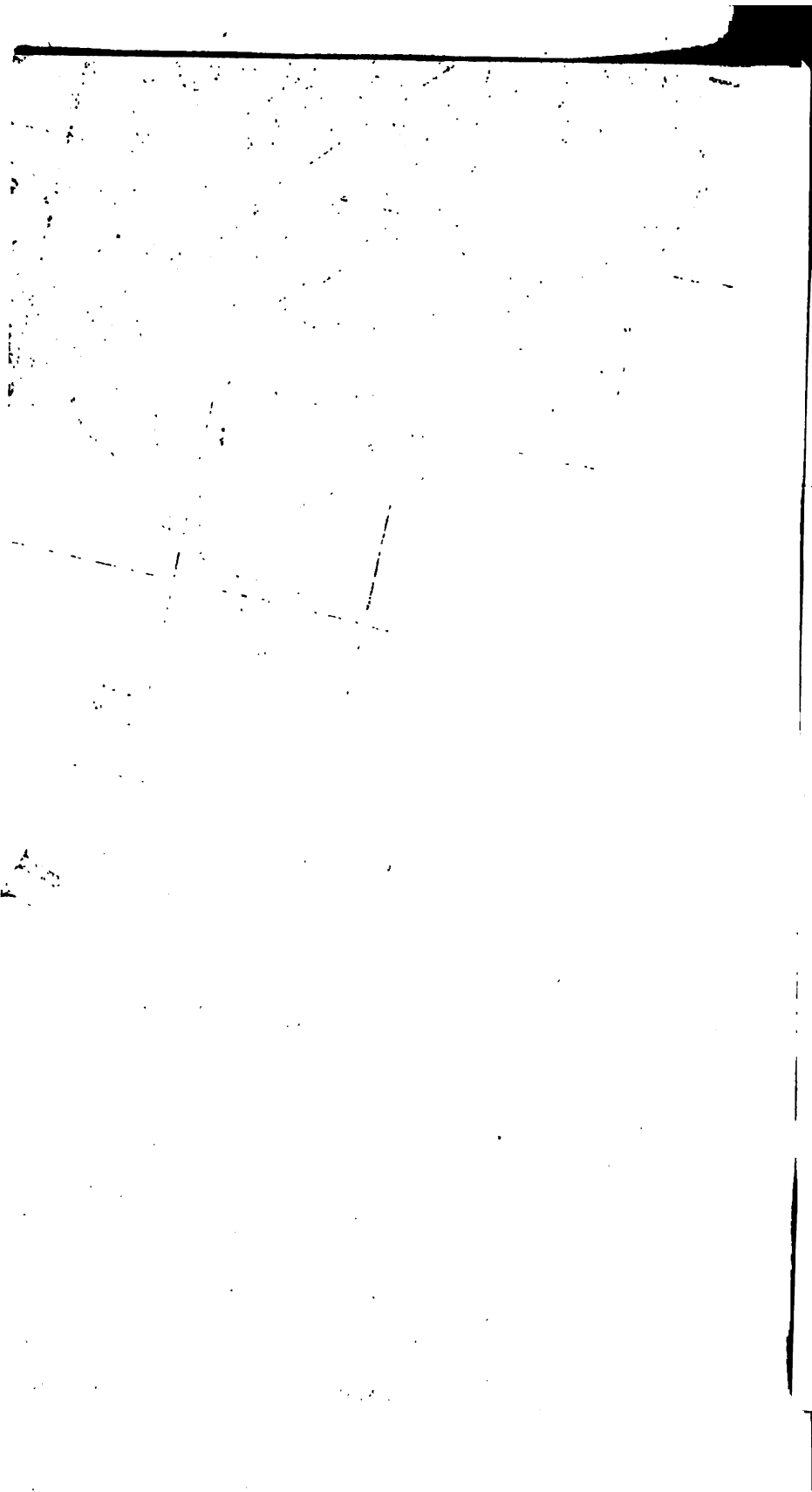
Number of streets . . . . . 104

Length . . . . . 105,000 ft. = 19.88 miles









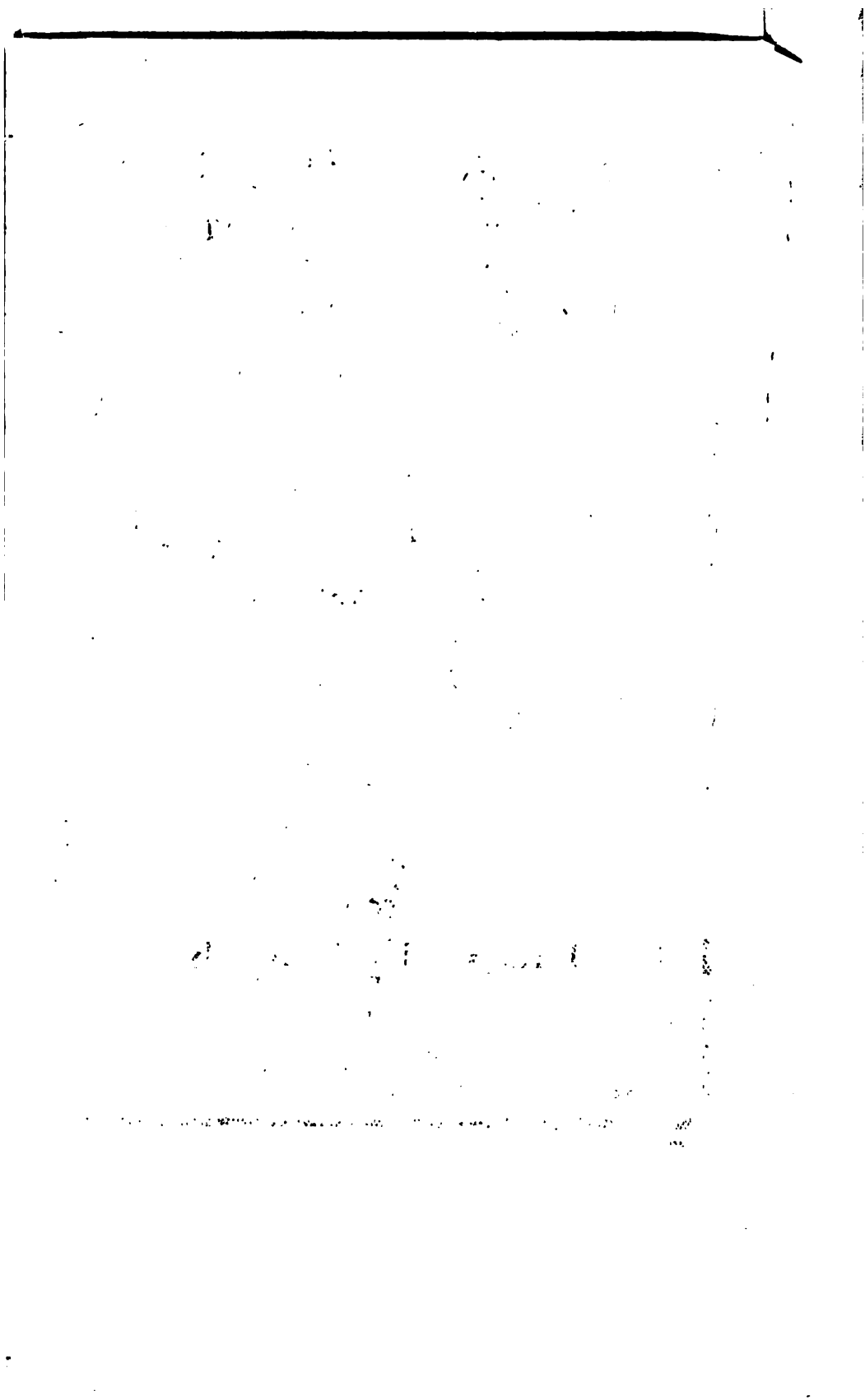
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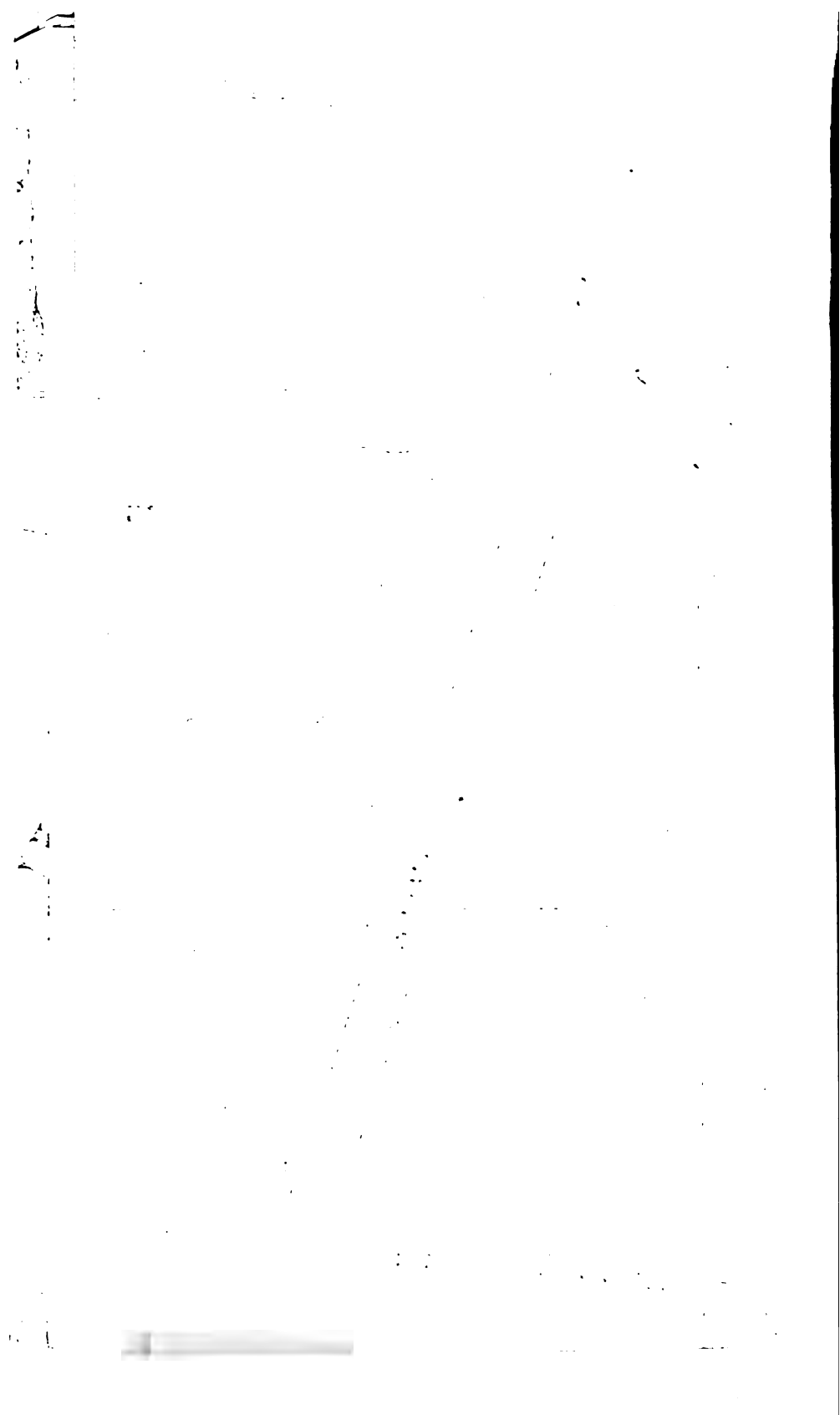
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## Private streets :

|                                       |                       |
|---------------------------------------|-----------------------|
| Number of streets . . . . .           | 69                    |
| Length . . . . .                      | 30,650 ft.=5.80 miles |
| Number of estates in Plan 4 . . . . . | 3,242                 |

One preliminary hearing upon the whole territory, and one second hearing on sections in detail, have been given on this plan.

Nearly all the work which the Board had under immediate consideration in this territory was completed previous to 1894 ; a number of the plans were held for some time before being presented for the Mayor's approval, awaiting legislation about the method of laying out certain thoroughfares which passed through them. One of these was Huntington avenue, which was to be widened to one hundred feet and extended, from its junction with Tremont street, at eighty feet in width, over that street to the Brookline line. The legislation desired having been obtained, the plans were, towards the end of the year, approved by the Mayor, and filed.

Columbus avenue, lying partly in this territory, has been extended to Tremont street, and *via* Pyncheon street, etc., to Franklin Park.

The remainder of the work to be done in this district will be finished as rapidly as possible.

The plans mentioned as lately filed are :

Six Sectional Plans of sections M 67 a, M 68 a, M 71 a, M 72 a, M 89, and M 90 a, complete with grades, size of each, 4 ft. by 4 ft. ; scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor and filed January 7, 1895, with the City Surveyor.

In the territory of about 85.86 acres covered by the above sectional plans, there are comprised :

## Public streets :

|                                                                                                       |                             |
|-------------------------------------------------------------------------------------------------------|-----------------------------|
| Number of streets . . . . .                                                                           | 14                          |
| Length . . . . .                                                                                      | 14,035 ft.=2.66 miles       |
| Area . . . . .                                                                                        | 712,270 sq. ft.=16.35 acres |
| New streets established, private streets adopted, and public streets widened by the Board of Survey : |                             |
| Number of streets . . . . .                                                                           | 25                          |
| Length . . . . .                                                                                      | 15,235 ft.=2.89 miles       |
| Area . . . . .                                                                                        | 534,775 sq. ft.=12.28 acres |

## Totals :

|                             |                               |
|-----------------------------|-------------------------------|
| Number of streets . . . . . | 35                            |
| Length . . . . .            | 23,050 ft.=4.37 miles         |
| Area . . . . .              | 1,247,045 sq. ft.=28.63 acres |

Percentage of area of the above territory, exclusive of parks,  
etc., absorbed by all streets, old and new . 33.01%

The following is a statement of the work previously done :

Working Plans showing existing public and private streets,  
angles, etc., with references to calculations in the office of  
the City Surveyor, size, 16 ft. by 7 ft. ; scale, 50 feet to an  
inch.

Preliminary Plan showing existing public and private  
streets, estates, owners' names, etc. ; size, 16 ft. 6 in. by  
10 ft. ; scale, 50 feet to an inch.

Six Plans from actual survey of 14 sections ; average size,  
16 ft. by 5 ft. ; scale,  $\frac{1}{250}$ .

Six Sectional Plans of sections M 46, M 47, M 48, M 53,  
M 54, and M 55, complete with grades ; size of each, 4 ft.  
by 4 ft. ; scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor and filed May  
24, 1892, with the City Surveyor.

Two Sectional Plans of sections M 67 and M 68, complete  
with grades ; size of each, 4 ft. by 4 ft. ; scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor and filed January  
9, 1893, with the City Surveyor.

Four Sectional Plans of sections M 69, M 71, M 72, and  
M 90, complete with grades ; size of each, 4 ft. by 4 ft. ;  
scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor and filed January  
3, 1894, with the City Surveyor.

In the territory of about 212.46 acres covered by the  
above sectional plans, there are comprised :

Public streets :

|                   |           |                                 |
|-------------------|-----------|---------------------------------|
| Number of streets | . . . . . | 24                              |
| Length            | . . . . . | 16,870 ft. = 3.19 miles         |
| Area              | . . . . . | 1,034,000 sq. ft. = 23.71 acres |

New streets established, private streets adopted, and public  
streets widened by the Board of Survey :

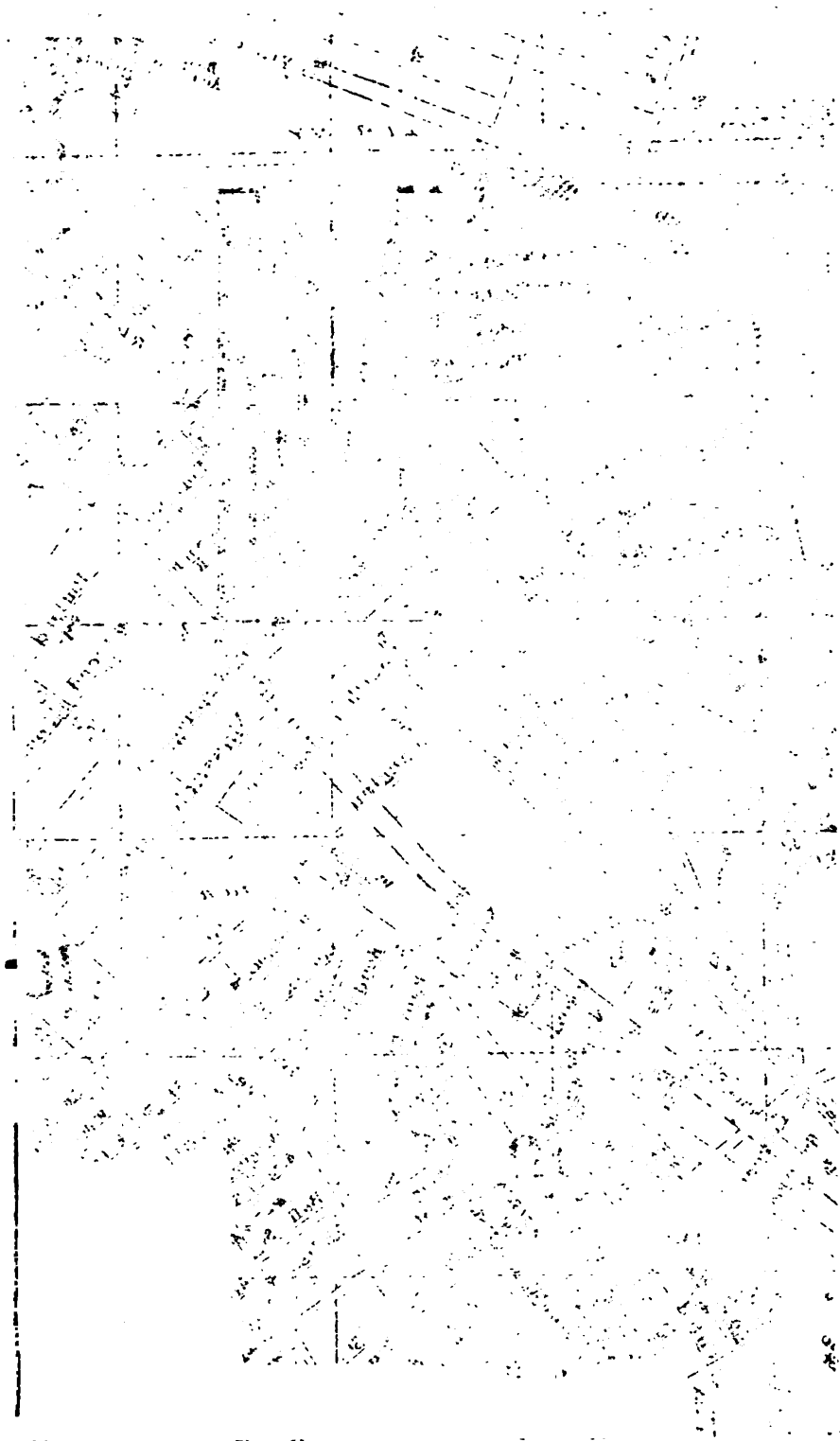
|                   |           |                               |
|-------------------|-----------|-------------------------------|
| Number of streets | . . . . . | 29                            |
| Length            | . . . . . | 14,110 ft. = 2.67 miles       |
| Area              | . . . . . | 546,025 sq. ft. = 12.54 acres |

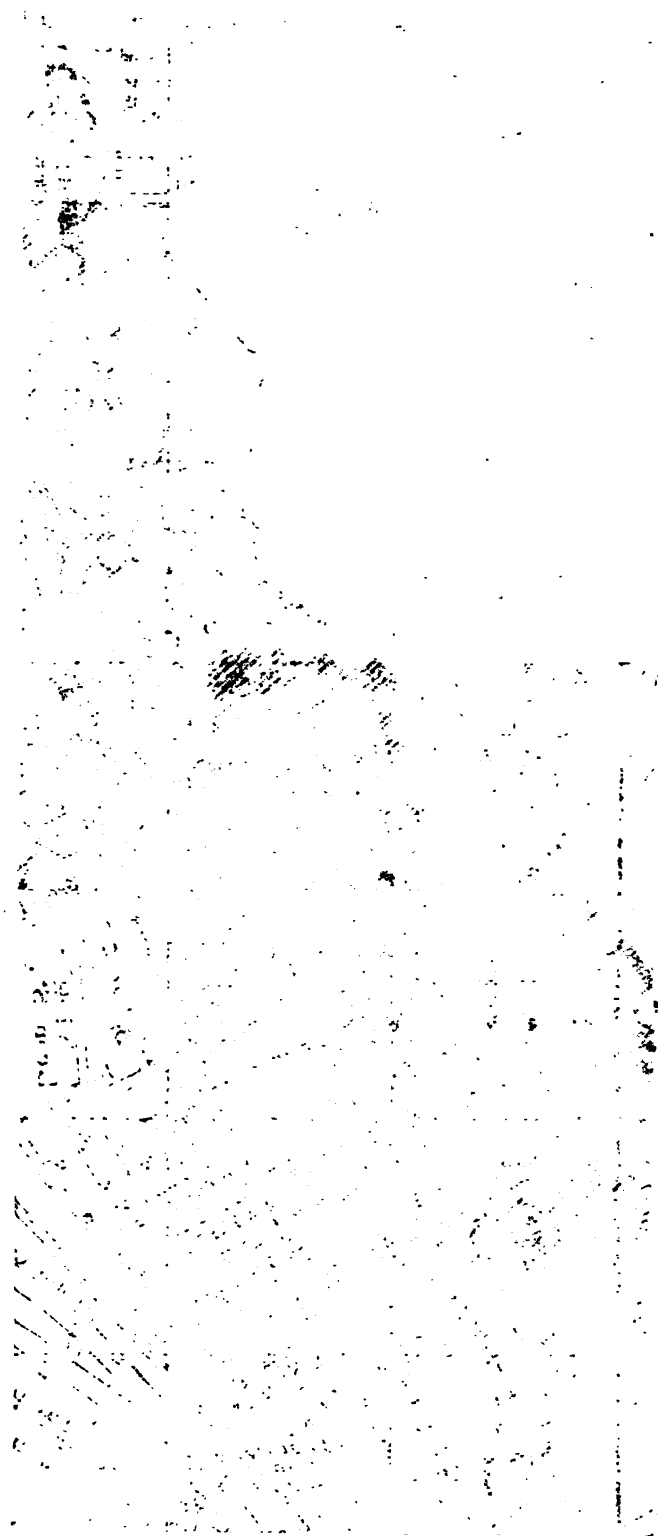
Totals :

|                   |           |                                 |
|-------------------|-----------|---------------------------------|
| Number of streets | . . . . . | 51                              |
| Length            | . . . . . | 28,130 ft. = 5.33 miles         |
| Area              | . . . . . | 1,580,025 sq. ft. = 36.27 acres |

Percentage of area of above territory, exclusive of park,  
etc., absorbed by all streets, old and new . 23.69%

Grade Plan of 18 sections ; size, 10 ft. by 5 ft. ; scale,  
 $\frac{1}{1000}$ .





Twenty-eight Plans and Profiles, showing grades of streets ; scales,  $\frac{1}{250}$  and  $\frac{1}{500}$ .

Plan and Profile of Huntington avenue, showing proposed line of widening, etc., for use of the Street Commissioners ; size, 20 ft. by 5 ft. ; scales,  $\frac{1}{250}$  and  $\frac{1}{500}$ .

In connection with the sectional and other plans enumerated above, the following work has been done :

|                                                   |     |
|---------------------------------------------------|-----|
| Number of conveyances copied and titles looked up | 825 |
| Number of plans copied from Suffolk Registry      | 202 |
| Number of buildings located and measured          | 650 |

Total number of plans filed to date :

Sections M 46, M 47, M 48, M 53, M 54, M 55, M 67, M 67 a, M 68, M 68 a, M 69, M 71, M 71 a, M 72, M 72 a, M 89, M 90, and M 90 a. Number, 18.

In the territory of about 298.32 acres, covered by the above 18 sectional plans, there are comprised :

Public streets :

|                   |                                 |
|-------------------|---------------------------------|
| Number of streets | 34                              |
| Length            | 30,905 ft. = 5.85 miles         |
| Area              | 1,746,270 sq. ft. = 40.09 acres |

New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                   |                                 |
|-------------------|---------------------------------|
| Number of streets | 52                              |
| Length            | 29,345 ft. = 5.56 miles         |
| Area              | 1,080,800 sq. ft. = 24.81 acres |

Totals :

|                   |                                 |
|-------------------|---------------------------------|
| Number of streets | 82                              |
| Length            | 51,180 ft. = 9.69 miles         |
| Area              | 2,827,070 sq. ft. = 64.90 acres |

Percentage of area of the above territory, exclusive of park, etc., absorbed by all streets, old and new, 27.06%

The appended plan shows the projection of new streets, etc., and the location of sections of which plans have been filed.

#### PLAN 5.

Part of Central Dorchester :

|      |             |
|------|-------------|
| Area | 1,309 acres |
|------|-------------|

Public streets :

|                   |                          |
|-------------------|--------------------------|
| Number of streets | 48                       |
| Length            | 94,300 ft. = 17.85 miles |

Private streets :

|                   |                          |
|-------------------|--------------------------|
| Number of streets | 93                       |
| Length            | 91,000 ft. = 17.23 miles |

|                             |       |
|-----------------------------|-------|
| Number of estates in Plan 5 | 1,679 |
|-----------------------------|-------|

One preliminary hearing upon the whole territory, and three second hearings upon sections in detail, have been given on this plan.

This territory was one of the earliest to receive the attention of the Board, and there is still a force in the field at work on a system of new streets and widenings projected for the vicinity of Blue Hill avenue and Morton street, and the locality northwardly toward Franklin Field.

A hearing on sections in detail has been given on a portion of this system, and it is the intention of the Board to complete the work at once.

In a portion of this plan, as treated by the Board, are shown the advantages of a development by a general system, as compared with streets laid out in the conflicting interests of individual owners.

Streets have been constructed in the territory of this plan on the lines of the Board, and many dwellings have been erected, the development giving it a character which is undeniably an improvement on any that could be hoped for under the old method, securing at once a high standard for the value of the real estate there, and at the same time, enhancing perceptibly its taxable value to the City.

Blue Hill avenue, now widened to one hundred and twenty feet, traverses the upper portion of this plan, and when constructed will materially advance the value of the property in its vicinity and improve the entire district.

No plans were filed in this section during the year.

The following is a statement of the work done during the year:

Plan from actual survey of 2 sections, X 73 and X 74; size, 10 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 1 section, X 68; size, 5 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Three Sectional Plans of sections X 68, X 73, and X 74; size of each, 4 ft. by 4 ft.; scale,  $\frac{1}{250}$ . (In progress.)

In the territory of about 68.87 acres, covered by the above sectional plans, there are comprised:

**Public streets:**

|                   |   |   |   |   |                 |             |
|-------------------|---|---|---|---|-----------------|-------------|
| Number of streets | . | . | . | . | .               | 4           |
| Length            | . | . | . | . | 5,150 ft.       | =0.97 mile  |
| Area              | . | . | . | . | 400,900 sq. ft. | =9.20 acres |

**New streets established, private streets adopted, and public streets widened by the Board of Survey:**

|                   |   |   |   |   |                 |              |
|-------------------|---|---|---|---|-----------------|--------------|
| Number of streets | . | . | . | . | .               | 26           |
| Length            | . | . | . | . | 12,530 ft.      | =2.37 miles  |
| Area              | . | . | . | . | 460,630 sq. ft. | =10.57 acres |

## Totals :

|                                                                                                                    |                             |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Number of streets . . . . .                                                                                        | 28                          |
| Length . . . . .                                                                                                   | 14,550 ft.=2.75 miles       |
| Area . . . . .                                                                                                     | 861,530 sq. ft.=19.78 acres |
| Percentage of area of above territory, exclusive of parks,<br>etc., absorbed by all streets, old and new . . . . . | 28.72%                      |

Plans and Profiles showing grades of Alma, Hildreth, Middleton, Morton, Sutton, Wildwood, and Willow-wood streets, Lauriat avenue, and streets numbered 928, 929, 931, 933, 934, 935, 938, and 941.

|                                                             |    |
|-------------------------------------------------------------|----|
| Number of conveyances copied and titles looked up . . . . . | 26 |
| Number of plans copied from Suffolk Registry . . . . .      | 8  |

The following is a statement of the work previously done :

Preliminary Plan showing existing public and private streets, estates, owners' names, etc. ; size, 10 ft. by 8 ft. ; scale,  $\frac{1}{1000}$ .

Five Plans from actual survey of 10 sections ; average size of each, 12 ft. by 5 ft. ; scale,  $\frac{1}{250}$ .

Nine Sectional Plans of sections X 17, X 18, X 19, X 20, X 21, X 22, X 23, X 24, and X 37, complete with grades ; size of each, 4 ft. by 4 ft. ; scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor and filed January 4, 1894, with the City Surveyor.

In the territory of about 206.61 acres covered by the above sectional plans, there are comprised :

## Public streets :

|                             |                             |
|-----------------------------|-----------------------------|
| Number of streets . . . . . | 13                          |
| Length . . . . .            | 14,273 ft.=2.70 miles       |
| Area . . . . .              | 669,470 sq. ft.=15.37 acres |

New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                             |                               |
|-----------------------------|-------------------------------|
| Number of streets . . . . . | 51                            |
| Length . . . . .            | 40,853 ft. =7.73 miles        |
| Area . . . . .              | 1,592,965 sq. ft.=36.57 acres |

## Totals :

|                                                                                         |                               |
|-----------------------------------------------------------------------------------------|-------------------------------|
| Number of streets . . . . .                                                             | 61                            |
| Length . . . . .                                                                        | 51,036 ft.=9.67 miles         |
| Area . . . . .                                                                          | 2,262,435 sq. ft.=51.94 acres |
| Percentage of area of above territory absorbed by all streets,<br>old and new . . . . . | 25.14%                        |

One Sectional Plan of section X 38, complete with grades ; size, 4 ft. by 4 ft. ; scale,  $\frac{1}{250}$ . (Completed.)

In the territory of about 22.95 acres covered by the above sectional plan, there are comprised :

Public streets :

|                   |                            |
|-------------------|----------------------------|
| Number of streets | 5                          |
| Length            | 2,202 ft.=0.42 mile        |
| Area              | 114,660 sq. ft.=2.63 acres |

New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                   |                           |
|-------------------|---------------------------|
| Number of streets | 8                         |
| Length            | 2,512 ft.=0.48 mile       |
| Area              | 91,335 sq. ft.=2.10 acres |

Totals :

|                   |                            |
|-------------------|----------------------------|
| Number of streets | 13                         |
| Length            | 4,714 ft.=0.89 mile        |
| Area              | 205,995 sq. ft.=4.73 acres |

Percentage of area of above territory absorbed by all streets, old and new . . . . . 20.60%

Grade Plan of 10 sections ; size, 5 ft. by 3 ft. ; scale,  $\frac{1}{1000}$ .

Forty-six Plans and Profiles showing grades of streets ; scales,  $\frac{1}{250}$  and  $\frac{1}{500}$ .

In connection with the sectional and other plans enumerated above, completed and in progress, the following work has been done :

|                                                   |     |
|---------------------------------------------------|-----|
| Number of conveyances copied and titles looked up | 360 |
| Number of plans copied from Suffolk Registry      | 300 |
| Number of buildings located and measured          | 868 |

The appended plan shows the projection of new streets, etc., and the location of sections of which plans have been filed.

PLAN 6.

Part of Lower Mills and Mattapan :

|      |             |
|------|-------------|
| Area | 1,165 acres |
|------|-------------|

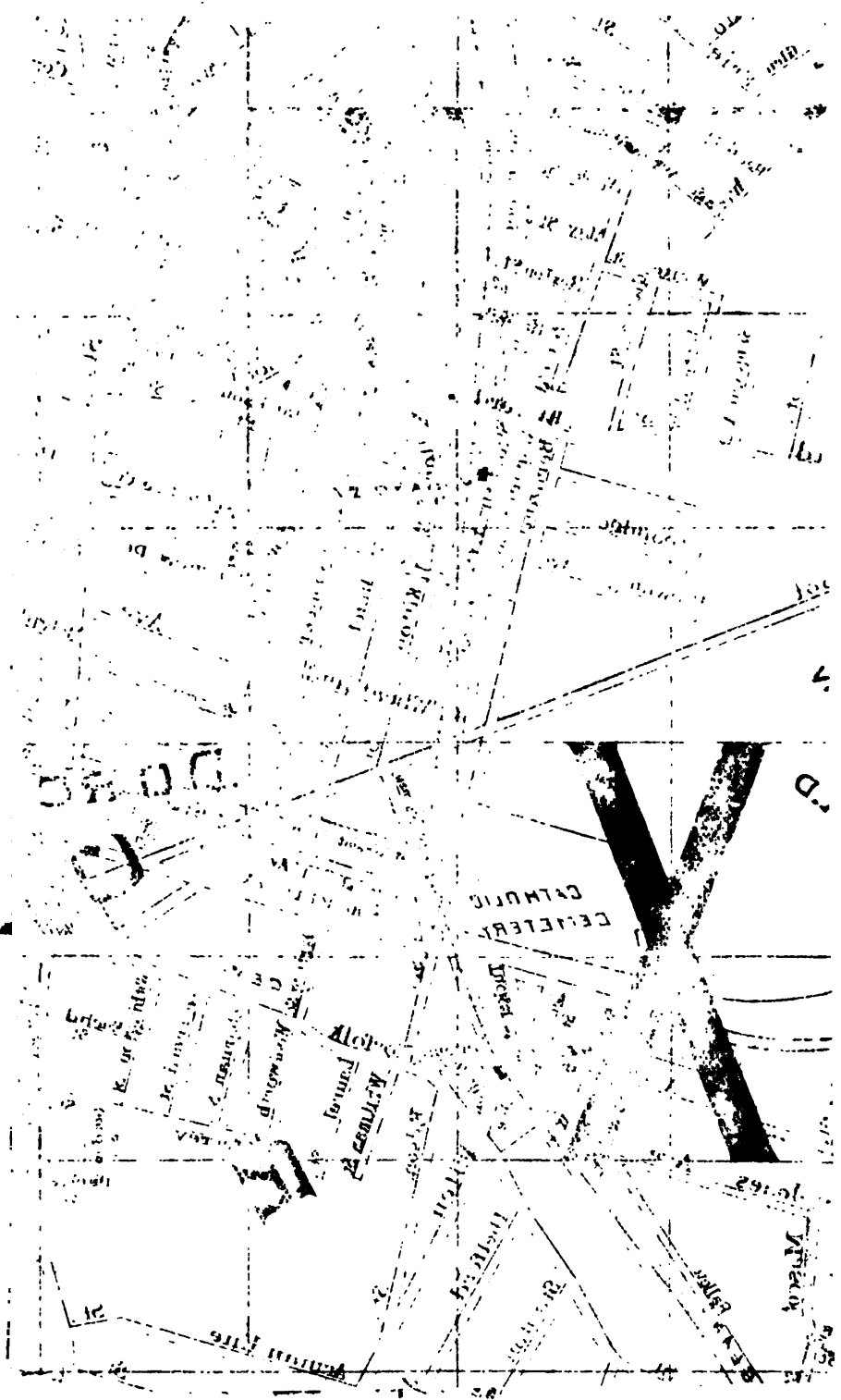
Public streets :

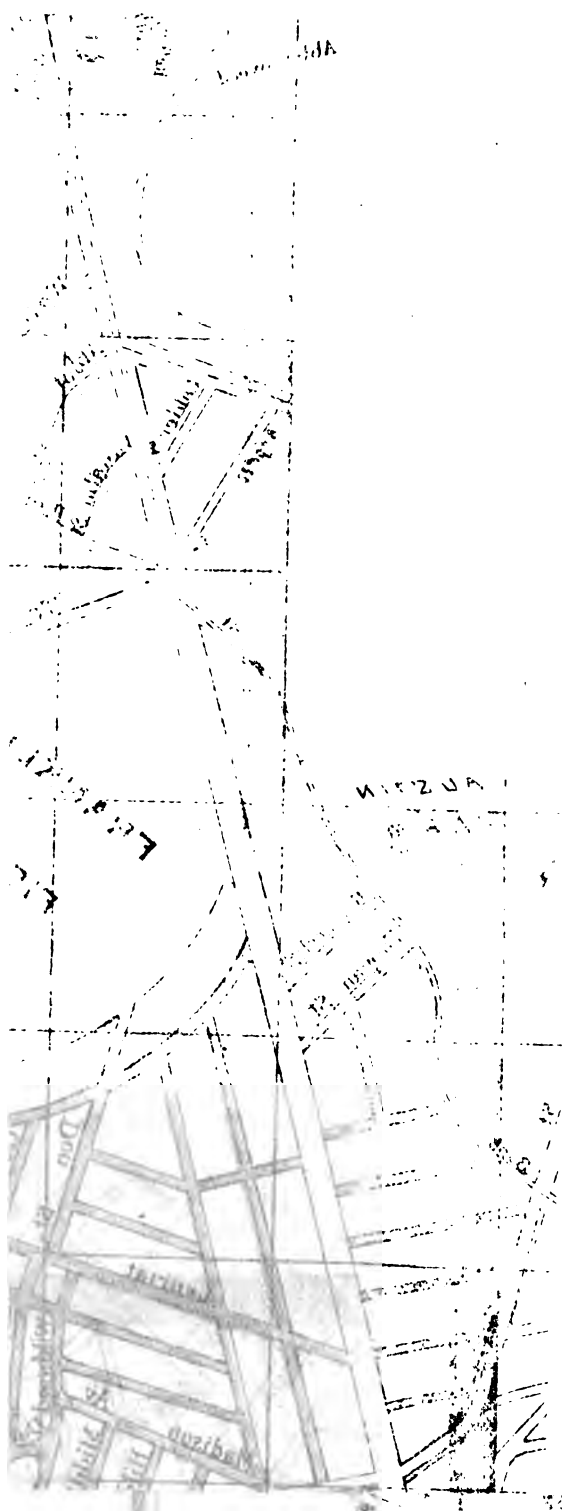
|                   |                       |
|-------------------|-----------------------|
| Number of streets | 67                    |
| Length            | 41,965 ft.=7.94 miles |

Private streets :

|                             |                       |
|-----------------------------|-----------------------|
| Number of streets           | 70                    |
| Length                      | 36,310 ft.=6.87 miles |
| Number of estates in Plan 6 | 725                   |

One preliminary hearing upon the whole territory, and five second hearings upon sections in detail, have been given on this plan.





Number of streets . . . . . 66

Length . . . . . 57,224 ft. = 10.84 miles  
 Area . . . . . 2,544,065 sq. ft. = 58.40 acres

## Totals :

Number of streets . . . . . 77  
 Length . . . . . 64,415 ft. = 12.20 miles  
 Area . . . . . 3,257,216 sq. ft. = 74.78 acres

Percentage of area of above territory, exclusive of park,  
 river, etc., absorbed by all streets, old and new, 25.07%

Four Sectional Plans of sections X 81, X 82, X 87, and  
 Ee 17; size of each, 4 ft. by 4 ft.; scale,  $\frac{1}{250}$ . (In  
 progress.)

In the territory of about 91.83 acres covered by the above  
 sectional plans, there are comprised :

## Public streets :

Number of streets . . . . . 9  
 Length . . . . . 7,604 ft. = 1.45 miles  
 Area . . . . . 345,294 sq. ft. = 7.93 acres

New streets established, private streets adopted, and public  
 streets widened by the Board of Survey :

Number of streets . . . . . 28  
 Length . . . . . 15,316 ft. = 2.90 miles  
 Area . . . . . 509,982 sq. ft. = 11.71 acres

## Totals :

Number of streets . . . . . 32  
 Length . . . . . 17,912 ft. = 3.39 miles  
 Area . . . . . 855,276 sq. ft. = 19.63 acres

Percentage of area of above territory, exclusive of park,  
 river, etc., absorbed by all streets, old and new, 22.27%

Grade Plan of sections (10 sections complete, 2 in prog-  
 ress); size, 12 ft. by 5 ft.; scale,  $\frac{1}{1000}$ . (In progress.)

Plans and Profiles showing grades of Avondale-place ex-  
 tension, Capen-street extension, Fairmount street, Milton-  
 avenue extension, Morton-street extension, Sanford street,  
 and streets numbered 541, 543, 553, 559, 560, and 562, and  
 portions of Capen street, Cedar street, Cedar-street exten-  
 sion, Codman street, Fuller street, Idaho street, Morton  
 street, Richmond street, Temple street, Washington street,  
 West Selden street, and Milton avenue, and streets num-  
 bered 500, 502, 511, 533, 539, 540, 542, 544, 545, 548,  
 552, 554, 555, 558, 561, 585, and 588; scales,  $\frac{1}{250}$  and  $\frac{1}{50}$ .  
 (Completed.)

Plans and Profiles showing grades of Astoria, Codman,  
 Elizabeth, Walk Hill, and Washington streets, and streets  
 numbered 890, 891, 892, 922, 938, 948, and 949; scales,  
 $\frac{1}{250}$  and  $\frac{1}{50}$ . (In progress.)

In connection with the sectional and other plans enumerated above, completed and in progress, the following work has been done:

Number of conveyances copied and titles looked up . . . 158  
 Number of plans copied from Suffolk Registry . . . 23

The following is a statement of the work previously done:

Preliminary Plan showing existing public and private streets, estates, owners' names, etc.; size, 9 ft. by 5 ft.; scale,  $\frac{1}{1000}$ .

Eight Plans from actual survey of 18 sections; average size, 8 ft. by 5 ft.; scale,  $\frac{1}{250}$ .

Seven Sectional Plans of sections Ee 5, Ee 6, Ee 7, X 94, X 95, X 96, and X 97, complete with grades; size of each, 4 ft. by 4 ft.; scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor and filed January 3, 1894, with the City Surveyor.

In the territory of about 160.70 acres covered by the above sectional plans, there are comprised:

Public streets:

Number of streets . . . . . 2  
 Length . . . . . 2,945 ft. = 0.56 mile  
 Area . . . . . 134,350 sq. ft. = 3.09 acres

New streets established, private streets adopted, and public streets widened by the Board of Survey:

Number of streets . . . . . 33  
 Length . . . . . 34,789 ft. = 6.59 miles  
 Area . . . . . 1,587,600 sq. ft. = 36.45 acres

Totals:

Number of streets . . . . . 33  
 Length . . . . . 34,834 ft. = 6.60 miles  
 Area . . . . . 1,721,950 sq. ft. = 39.53 acres

Percentage of area of above territory, exclusive of the river, etc., absorbed by all streets, old and new, 24.55%

Grade Plan of sections (13 sections completed); size, 12 ft. by 5 ft.; scale,  $\frac{1}{1000}$ . (In progress.)

Index Plan; size, 10 ft. by 5 ft.; scale,  $\frac{1}{1000}$ .

Plan showing contours at every 5 feet; size, 7 ft. by 5 ft.; scale,  $\frac{1}{1000}$ . (Completed.)

Two Tracings showing contours every 5 feet; size of each, 10 ft. by 5 ft.; scale,  $\frac{1}{1000}$ .

Six Plans showing contours at every foot, on 31 sections; average size of plans, 15 ft. by 5 ft.; scale,  $\frac{1}{250}$ .

Fifty-six Plans and Profiles showing grades of streets; scales,  $\frac{1}{160}$  and  $\frac{1}{80}$ .

In connection with the sectional and other plans enumerated above, completed and in progress, the following work has been done:

Number of conveyances copied and titles looked up . 220  
Number of plans copied from Suffolk Registry . 34

Total number of plans filed to date:

Sections Ee 2, Ee 3, Ee 4, Ee 5, Ee 6, Ee 7, Ee 14, Ee 15, Ee 16, Ee 25, Ee 26, Ee 27, X 83, X 84, X 85, X 86, X 94, X 95, X 96, X 97, X 98, X 99, and X 100. Number, 23.

In the territory of about 493.74 acres covered by the above 23 sectional plans, there are comprised:

Public streets:

Number of streets . . . . . 16  
Length . . . . . 18,566 ft. = 3.52 miles  
Area . . . . . 847,501 sq. ft. = 19.46 acres

New streets established, private streets adopted, and public streets widened by the Board of Survey:

Number of streets . . . . . 85  
Length . . . . . 92,013 ft. = 17.43 miles  
Area . . . . . 4,131,665 sq. ft. = 94.85 acres

Totals:

Number of streets . . . . . 96  
Length . . . . . 99,249 ft. = 18.80 miles  
Area . . . . . 4,979,166 sq. ft. = 114.31 acres

Percentage of area of above territory, exclusive of river, etc., absorbed by all streets, old and new . 24.90%

The appended plan shows the projection of new streets, etc., and the location of sections of which plans have been filed.

#### PLAN 7.

South Bay:

Area . . . . . 1,332 acres

Public streets:

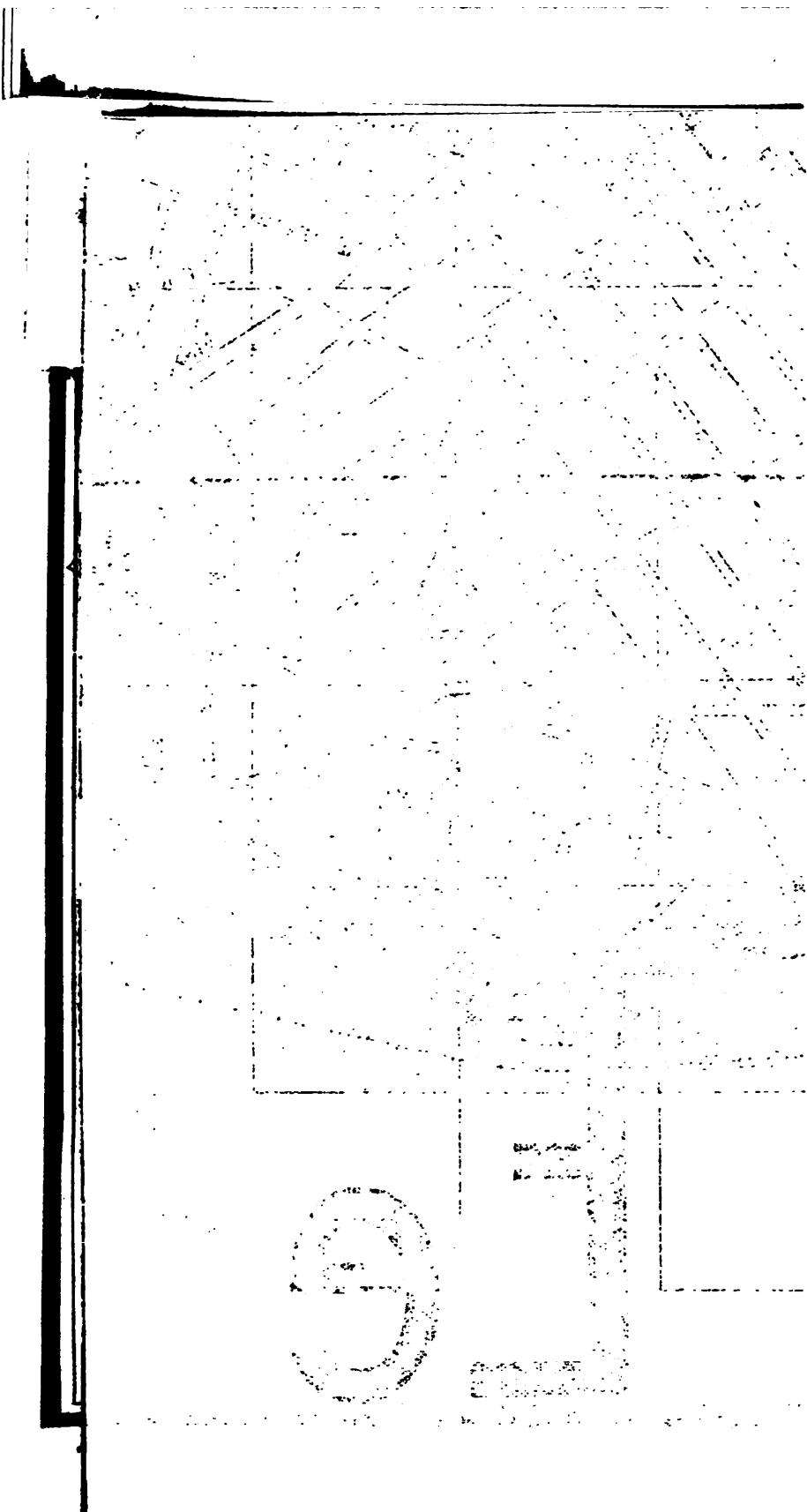
Number of streets . . . . . 104  
Length . . . . . 158,176 ft. = 29.95 miles

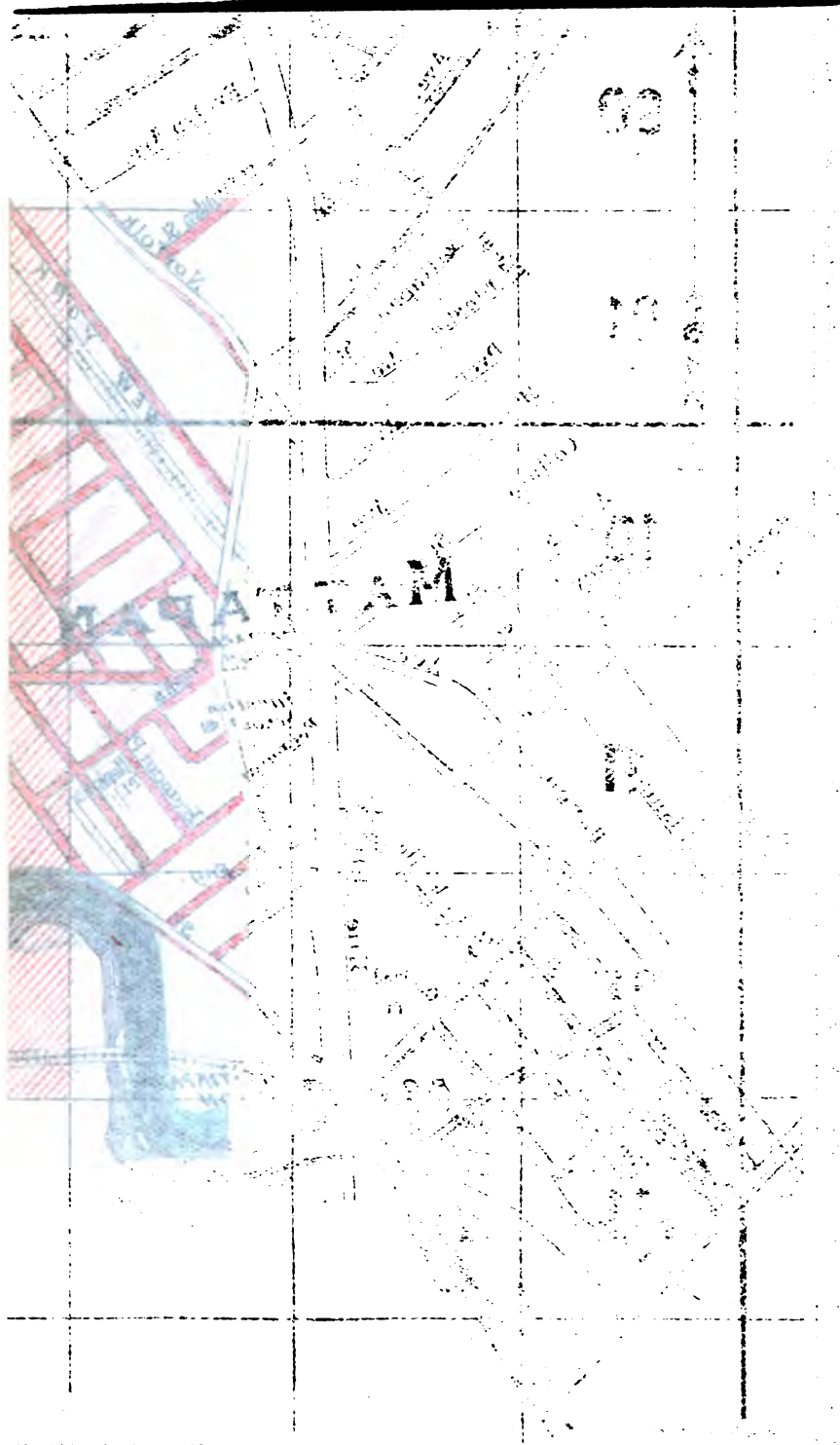
Private streets:

Number of streets . . . . . 72  
Length . . . . . 42,760 ft. = 8.09 miles

Number of estates in Plan 7 . . . . . 3,417

One preliminary hearing upon the whole territory, and





one second hearing upon sections in detail, have been given on this plan.

The second hearing mentioned was held early in the year and covered a portion of a system of projected streets. Work on these sections has progressed favorably, and at the close of the year a number of these plans were filed.

The work on the remainder is going on quite rapidly, while surveys are being made for the continuance of the system, upon which a detailed hearing will soon be given.

The following is a statement of the work done during the year :

Plan of territory showing sections M 81, M 82, M 83, M 98, M 99, M 100, L 89, L 90, L 91, L 92, U 9, U 10, U 11, U 12, U 29, U 30, U 32, T 1, T 2, T 20, and T 21; size, 9 ft. by 5 ft.; scale,  $\frac{1}{1000}$ . (In progress.)

Seven Sectional Plans of sections M 81, M 82, M 83, L 89, L 90, L 91, and L 92, complete with grades; size of each, 4 ft. by 4 ft.; scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor and filed January 7, 1895, with the City Surveyor.

In the territory of about 156.89 acres covered by the above sectional plans, there are comprised :

Public streets :

|                   |   |   |   |   |                 |             |
|-------------------|---|---|---|---|-----------------|-------------|
| Number of streets | . | . | . | . | .               | 10          |
| Length            | . | . | . | . | 5,033 ft.       | =0.95 mile  |
| Area              | . | . | . | . | 335.620 sq. ft. | =7.70 acres |

New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                   |   |   |   |   |                 |              |
|-------------------|---|---|---|---|-----------------|--------------|
| Number of streets | . | . | . | . | .               | 20           |
| Length            | . | . | . | . | 16,386 ft.      | =3.10 miles  |
| Area              | . | . | . | . | 879,373 sq. ft. | =20.19 acres |

Totals :

|                   |   |   |   |   |                   |              |
|-------------------|---|---|---|---|-------------------|--------------|
| Number of streets | . | . | . | . | .                 | 30           |
| Length            | . | . | . | . | 21,419 ft.        | =4.05 miles  |
| Area              | . | . | . | . | 1,214,993 sq. ft. | =27.89 acres |

Percentage of area of above territory absorbed by all streets, old and new . . . . . 20.51%

Three Sectional Plans of sections M 98, M 99, and M 100; size of each, 4 ft. by 4 ft.; scale,  $\frac{1}{250}$ . (In progress.)

In the territory of about 68.87 acres covered by the above sectional plans, there are comprised :

Public streets :

|                   |   |   |   |   |                 |             |
|-------------------|---|---|---|---|-----------------|-------------|
| Number of streets | . | . | . | . | .               | 9           |
| Length            | . | . | . | . | 7,233 ft.       | =1.37 miles |
| Area              | . | . | . | . | 409,899 sq. ft. | =9.41 acres |

New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                             |                             |
|-----------------------------|-----------------------------|
| Number of streets . . . . . | 16                          |
| Length . . . . .            | 12,672 ft.=2.40 miles       |
| Area . . . . .              | 444,312 sq. ft.=10.20 acres |

Totals :

|                             |                             |
|-----------------------------|-----------------------------|
| Number of streets . . . . . | 24                          |
| Length . . . . .            | 19,905 ft.=3.77 miles       |
| Area . . . . .              | 854,211 sq. ft.=19.61 acres |

Percentage of area of above territory absorbed by all streets, old and new . . . . . 28.47 %

Grade Plan of sections (7 sections completed), size, 9 ft. by 5 ft. ; scale,  $\frac{1}{1000}$ .

Plans and Profiles showing grades of streets numbered 716, 719, 726, 729, and parts of B-street extension, Ellery-street extension, E. Newton-street extension, Dorchester avenue, Harrison avenue, and streets numbered 708, 709, 711, 712, 713, 715, 721, 722, 723, 724, 728, and 771.

In connection with the sectional and other plans enumerated above, completed and in progress, the following work has been done :

|                                                                                    |     |
|------------------------------------------------------------------------------------|-----|
| Number of conveyances copied and titles looked up . . . . .                        | 120 |
| Number of plans copied from Suffolk and Norfolk Registries and elsewhere . . . . . | 85  |

Sectional Plans of sections U 9, U 10, U 11, U 12, U 29, U 30, U 32, T 1, T 2, T 20, and T 21 are in progress of survey.

In the territory of about 252.52 acres covered by the above sectional plans, there are comprised :

Public streets :

|                             |                               |
|-----------------------------|-------------------------------|
| Number of streets . . . . . | 22                            |
| Length . . . . .            | 22,200 ft.=4.20 miles         |
| Area . . . . .              | 1,124,600 sq. ft.=25.82 acres |

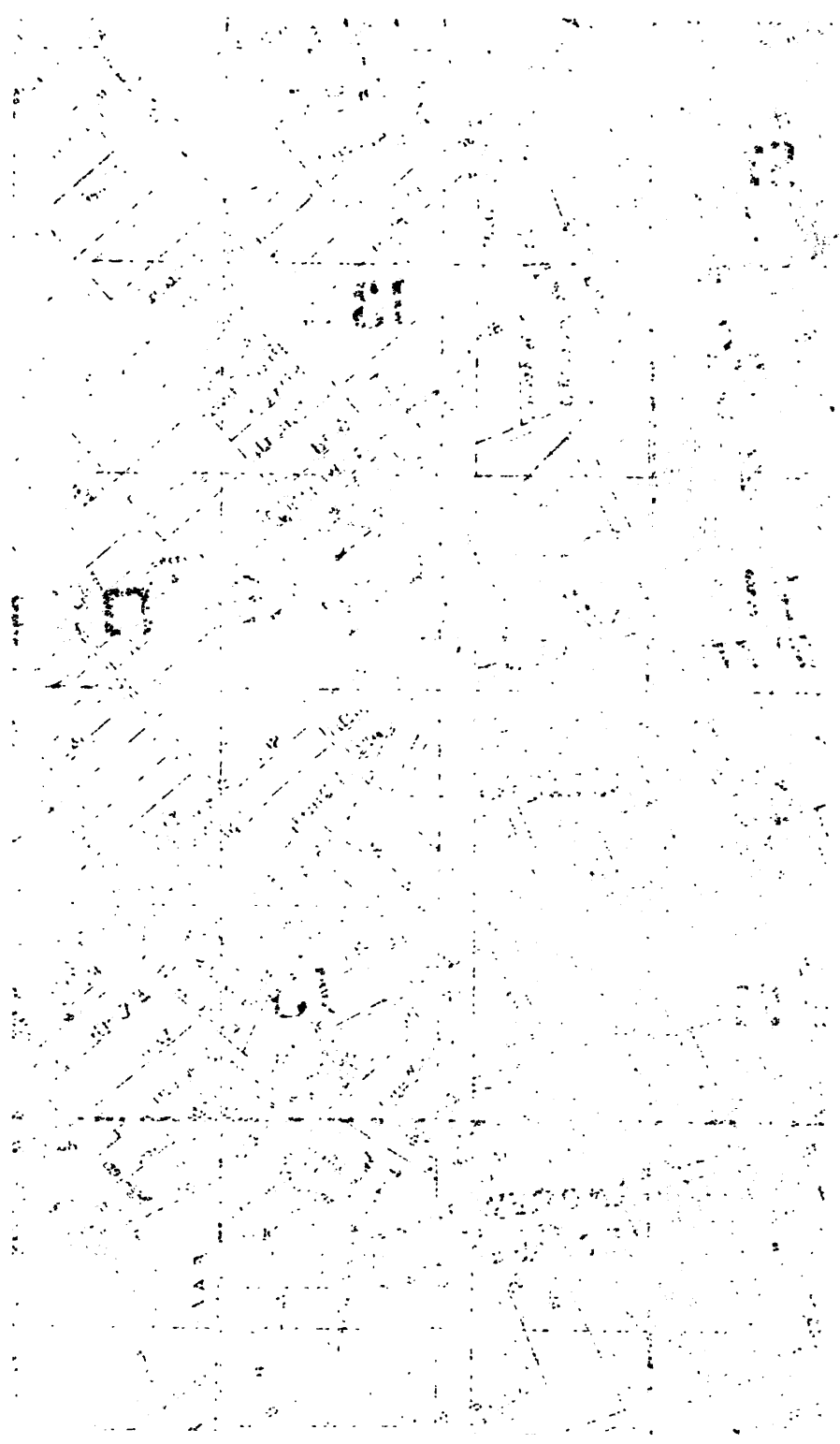
New streets established, private streets adopted, and public streets widened by the Board of Survey :

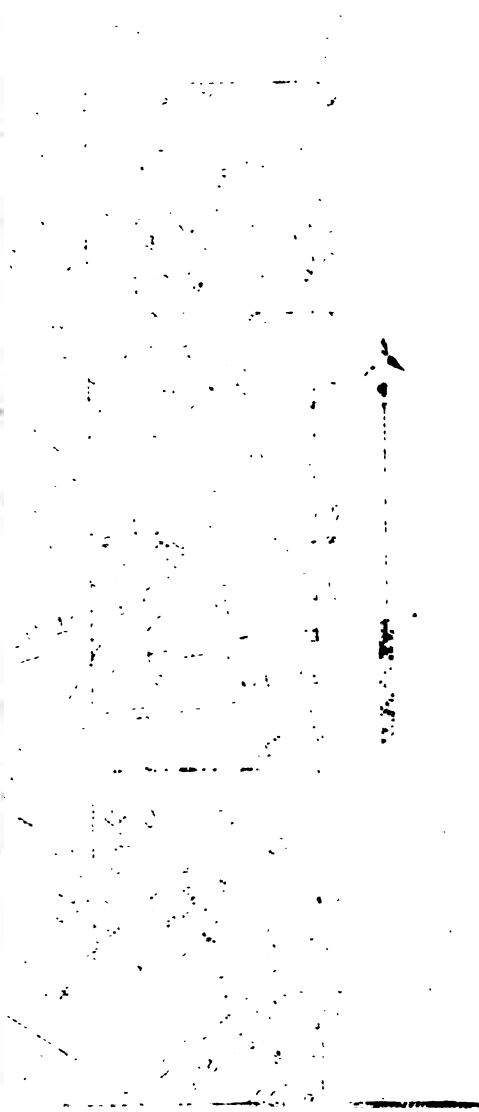
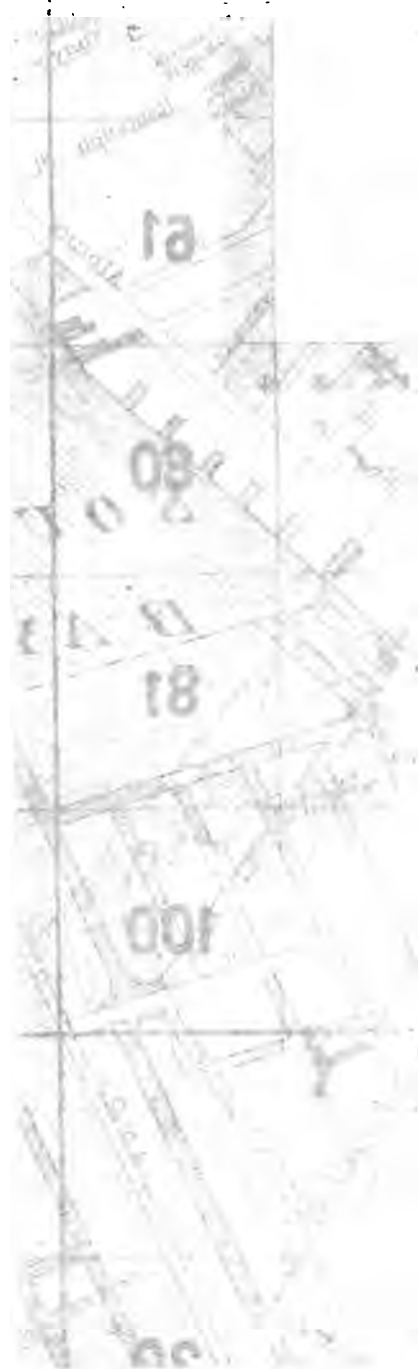
|                             |                               |
|-----------------------------|-------------------------------|
| Number of streets . . . . . | 49                            |
| Length . . . . .            | 35,265 ft.=6.68 miles         |
| Area . . . . .              | 1,763,415 sq. ft.=40.48 acres |

Totals :

|                             |                               |
|-----------------------------|-------------------------------|
| Number of streets . . . . . | 68                            |
| Length . . . . .            | 55,660 ft.=10.54 miles        |
| Area . . . . .              | 2,888,015 sq. ft.=66.30 acres |

Percentage of area of above territory, exclusive of park, harbor, etc., absorbed by all streets, old and new, . . . . . 26.25 %





The following is a statement of the work previously done :

Preliminary Plan showing existing public and private streets, estates, owners' names, etc. ; size, 11 ft. by 10 ft. ; scale,  $\frac{1}{1000}$ .

Plan from actual survey of territory bounded by W. Fourth street, Dorchester avenue, Massachusetts avenue, and Albany street ; size, 9 ft. by 5 ft. ; scale,  $\frac{1}{1000}$ . (In progress.)

Four Plans from actual survey of 20 sections (10 complete and 10 in progress) ; size of each, 10 ft. by 5 ft. ; scale,  $\frac{1}{250}$ .

Grade Plan of 10 sections ; size, 9 ft. by 5 ft. ; scale,  $\frac{1}{1000}$ . (In progress.)

In connection with the sectional and other plans enumerated above, the following work has been done :

|                                                                                    |    |
|------------------------------------------------------------------------------------|----|
| Number of conveyances copied and titles looked up .                                | 52 |
| Number of plans copied from Suffolk and Norfolk Registries and elsewhere . . . . . | 25 |

The appended plan shows the projection of new streets, etc., and the location of sections of which plans have been filed.

#### PLAN 8.

|                                       |                         |
|---------------------------------------|-------------------------|
| Brighton :                            |                         |
| Area . . . . .                        | about 2,807 acres       |
| Public streets :                      |                         |
| Number of streets . . . . .           | 97                      |
| Length . . . . .                      | 190,070 ft.=35.99 miles |
| Private streets :                     |                         |
| Number of streets . . . . .           | 152                     |
| Length . . . . .                      | 91,180 ft.=17.26 miles  |
| Number of estates in Plan 8 . . . . . | 1,526                   |

One preliminary hearing upon the whole territory, and four second hearings upon sections in detail, have been given on this plan.

This territory has received considerable attention from the Board during the year. Several suggested public improvements, and the prospect of the immediate development of vacant lands in certain localities, called for prompt action in the establishment of street lines and grades. A large number of plans covering a part of these improvements have been made and filed.

The natural features of one section treated, lying between Commonwealth and Chestnut Hill avenues, possess such a degree of ruggedness, that it was at first found difficult to satisfactorily transform it into one of marketable villa sites.

With proper treatment, however, and the advantage of such attractive surroundings, it was seen that it would offer excellent inducements for the location of such dwellings as will be in keeping with the neighborhood adjacent to Brookline, on the opposite side of Commonwealth avenue, and a system has been devised for the locality which is feasible and practicable, as well as satisfactory to all concerned.

During the year extensive improvements have been projected in the territory immediately surrounding the Reservoir grounds.

Commonwealth avenue, from its terminus at the entrance to the grounds of the Reservoir, has been extended at a width of one hundred and twenty feet through the gateway and over a portion of the grounds of the Reservoir and private estates and South street, to a connection at the boundary line with the proposed boulevard in the City of Newton.

Beacon street, being quite an important thoroughfare to Newton, and its present width being inadequate for the probable future demands upon it, the Board have deemed it advisable to widen and straighten it where it passes through the grounds of the Reservoir.

An entirely new street, eighty feet wide, has been projected in a straight line from the circle at Chestnut Hill avenue to intersect Beacon street, at a point nearly opposite the pumping-station, thence continuing, with a widening to eighty feet, along the old street to the Newton boundary line.

Beyond the pumping-station there is only a narrow strip of land between the westerly line of Beacon street and the Reservoir basin, and, if that space sufficed for the widening, the location of the Boston Water Works aqueduct beneath it would prohibit any encroachment in that direction.

The widening, if any is to be made, must be on the other side of the street, which for almost the entire remaining distance in Boston coincides with the boundary line of the City of Newton, where the City of Boston cannot widen.

Under these conditions the Board deemed it expedient to continue the widening beyond the pumping-station on the easterly side of the street, until it intersects the Newton boundary line. The remainder, if ever made, must be by the adjoining City, or through permission obtained of the Legislature to change the boundary line, to enable the City of Boston to continue the improvement.

The Board propose to make Chestnut Hill avenue eighty feet wide for its entire length.

The necessity of widening Brighton avenue has been

obvious for some time, and the street has been relocated to a width of one hundred feet from Commonwealth avenue to Union square.

North Beacon street and Cambridge street have been made eighty feet wide.

Plans covering the entire widening of Brighton avenue and a large portion of the widenings of North Beacon and Cambridge streets, have been made and filed.

The following is a statement of the work done during the year:

Plan from actual survey of 2 sections (parts of), O 17 and O 18; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 2 sections, N 25 and N 26; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 2 sections, N 5 and N 6; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 2 sections, N 13 and N 14; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 3 sections, N 15, N 16, and N 17; size, 13 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 2 sections, N 23 and N 24; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 4 sections, O 72, O 89, O 92, and O 93; size, 17 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, O 87 and O 89; size, 12 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 5 sections, O 94, O 95, O 96, O 97, and R 6; size, 21 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, O 57 and O 58; size, 12 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, O 72 and O 74; size, 12 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Eleven Sectional Plans of sections N 28, N 29, N 31, N 32, N 33, N 50, N 51, O 39, O 40, O 41, and O 42, complete with grades; size of each, 4 ft. by 4 ft.; scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor, and filed May 22, 1894, with the City Surveyor.

Twenty-three Sectional Plans of sections N 11, N 12, N 13, N 27, N 30, N 49, O 18, O 19, O 21, O 22, O 23, O 38, O 72, O 87, O 88, O 89, O 92, O 93, O 94, O 95, O 96, O 97, and R 6, complete with grades; size of each, 4 ft. by 4 ft.; scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor, and filed January 7, 1895, with the City Surveyor.

In the territory of about 531.38 acres covered by the above sectional plans, there are comprised:

Public streets:

|                   |                                 |
|-------------------|---------------------------------|
| Number of streets | 32                              |
| Length            | 44,715 ft. = 8.47 miles         |
| Area              | 3,168,445 sq. ft. = 72.74 acres |

New streets established, private streets adopted, and public streets widened by the Board of Survey:

|                   |                                 |
|-------------------|---------------------------------|
| Number of streets | 92                              |
| Length            | 67,805 ft. = 12.84 miles        |
| Area              | 2,597,440 sq. ft. = 59.63 acres |

Totals:

|                   |                                  |
|-------------------|----------------------------------|
| Number of streets | 118                              |
| Length            | 100,145 ft. = 18.97 miles        |
| Area              | 5,765,885 sq. ft. = 132.37 acres |

Percentage of area of above territory absorbed by all streets, old and new . . . . . 28.69%

Twenty-three Sectional Plans of sections O 20, O 37, O 43, O 44, O 57, O 58, O 59, O 60, O 61, O 62, O 63, O 64, O 65, O 73, O 74, O 75, O 76, O 77, O 78, O 83, O 84, O 85, and O 86; size of each, 4 ft. by 4 ft.; scale,  $\frac{1}{250}$ . (In progress.)

In the territory of about 443.21 acres covered by the above sectional plans, there are comprised:

Public streets:

|                   |                                 |
|-------------------|---------------------------------|
| Number of streets | 23                              |
| Length            | 25,927 ft. = 4.91 miles         |
| Area              | 2,114,552 sq. ft. = 48.54 acres |

New streets established, private streets adopted, and public streets widened by the Board of Survey:

|                   |                                 |
|-------------------|---------------------------------|
| Number of streets | 64                              |
| Length            | 38,795 ft. = 7.35 miles         |
| Area              | 1,566,360 sq. ft. = 35.96 acres |

Totals:

|                   |                                 |
|-------------------|---------------------------------|
| Number of streets | 83                              |
| Length            | 60,202 ft. = 11.40 miles        |
| Area              | 3,680,912 sq. ft. = 84.50 acres |

Percentage of area of above territory, exclusive of parks, etc., absorbed by all streets, old and new . . . . . 25.69%

Grade Plan of sections (13 sections completed); size, 14 ft. by 5 ft.; scale,  $\frac{1}{1000}$ . (In progress.)

Grade Plan of sections (13 sections completed, 18 sections in progress); size, 15 ft. by 5 ft.; scale,  $\frac{1}{1000}$ . (In progress.)

Grade Plan of sections (9 sections completed, 3 sections in progress); size, 13 ft. by 5 ft.; scale,  $\frac{1}{1000}$ . (In progress.)

Plans and Profiles showing grades of Allston street, Arthur-street extension, Barstow street, Barstow-street extension, Cambridge terrace, Chester-street extension, Cypress road, Eleanor street, Everett-street extension, Hano-street extension, Hichborn-street extension, Naples road, Rodney street, Summer street, Summit-avenue extension, Westbourne terrace, Brighton avenue, and streets numbered 282, 378, 386, 402, 801, 808, 810, 814, and 815, and parts of Beacon street, Beacon-street extension, Cambridge street, Commonwealth avenue, Everett street, Hano street, Malvern street, Mapleton street, Murdock-street extension, North Beacon street, Reservoir lane, Ridge street, Spring street, Maple avenue, and streets numbered 812, 813, 818, and 835; scales,  $\frac{1}{250}$  and  $\frac{1}{50}$ . (Completed.)

Plans and Profiles showing grades in progress of Beacon-street extension, Berwick road, Chestnut Hill avenue, Chiswick road, Commonwealth avenue, Cummings road, Dean road, Fenwick road, Harvard place, Harvard-place extension, Kilsyth road, Kinross road, Lanark road, La Rose place, La Rose-place extension, Madison avenue, Peaceable street, Renfrew road, Selkirk road, Shepard street, Sidlaw road, South street, Union street, Union-street extension, Washington street, Windsor road, Winship street, and streets numbered 455, 695, 822, 823, 825, 826, 827, 828, 866, 867, 868, 869, 871, 872, 874, 875, and 896; scales,  $\frac{1}{250}$  and  $\frac{1}{50}$ . (In progress.)

In connection with the sectional and other plans enumerated above, the following work has been done:

|                                                                                    |     |
|------------------------------------------------------------------------------------|-----|
| Number of conveyances copied and titles looked up . . . . .                        | 575 |
| Number of plans copied from Suffolk and Norfolk Registries and elsewhere . . . . . | 127 |

The following is a statement of the work previously done:

One Preliminary Plan showing existing public and private streets, estates, owners' names, etc.; size, 20 ft. by 10 ft.; scale,  $\frac{1}{1000}$ .

Eleven Plans from actual survey of 28 sections; average size of each, 12 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

One Plan from actual survey of 16 sections; size, 18 ft. by 5 ft.; scale,  $\frac{1}{1000}$ . (Completed.)

One Plan from actual survey of 12 sections; size, 6 ft. by 5 ft.; scale,  $\frac{1}{1000}$ . (Completed.)

One Plan from actual survey of 18 sections; size, 10 ft. by 5 ft.; scale,  $\frac{1}{1000}$ . (In progress.)

Sixty-one Plans and Profiles showing grades of streets; scales,  $\frac{1}{80}$  and  $\frac{1}{100}$ .

In connection with the sectional and other plans enumerated above, the following work has been done :

|                                                                                    |     |
|------------------------------------------------------------------------------------|-----|
| Number of conveyances copied and titles looked up .                                | 160 |
| Number of plans copied from Suffolk and Norfolk Registries and elsewhere . . . . . | 40  |

The appended plan shows the projection of new streets, etc., and the location of sections of which plans have been filed.

#### PLAN 9.

##### Part of Roxbury :

|                                       |                         |
|---------------------------------------|-------------------------|
| Area . . . . .                        | 315.57 acres            |
| Public streets :                      |                         |
| Number of streets . . . . .           | 20                      |
| Length . . . . .                      | 41,095 ft. = 7.78 miles |
| Private streets :                     |                         |
| Number of streets . . . . .           | 9                       |
| Length . . . . .                      | 4,200 ft. = 0.79 mile   |
| Number of estates in Plan 9 . . . . . | 202                     |

One preliminary hearing upon the whole territory, and one second hearing upon sections in detail, have been given on this plan. With the exception of four sections covering a portion of Parker Hill and vicinity, all the plans included in this territory have been completed and filed ; among them being plans showing portions of the widening and extension of Huntington avenue.

A few studies have been made during the year on the remaining portion.

The following is a statement of the condition of the work :

Two Sectional Plans of sections N 81 and N 82. complete with grades ; size of each, 4 ft. by 4 ft. ; scale,  $\frac{1}{80}$ .

These plans were approved by the Mayor and filed January 7, 1895, with the City Surveyor.

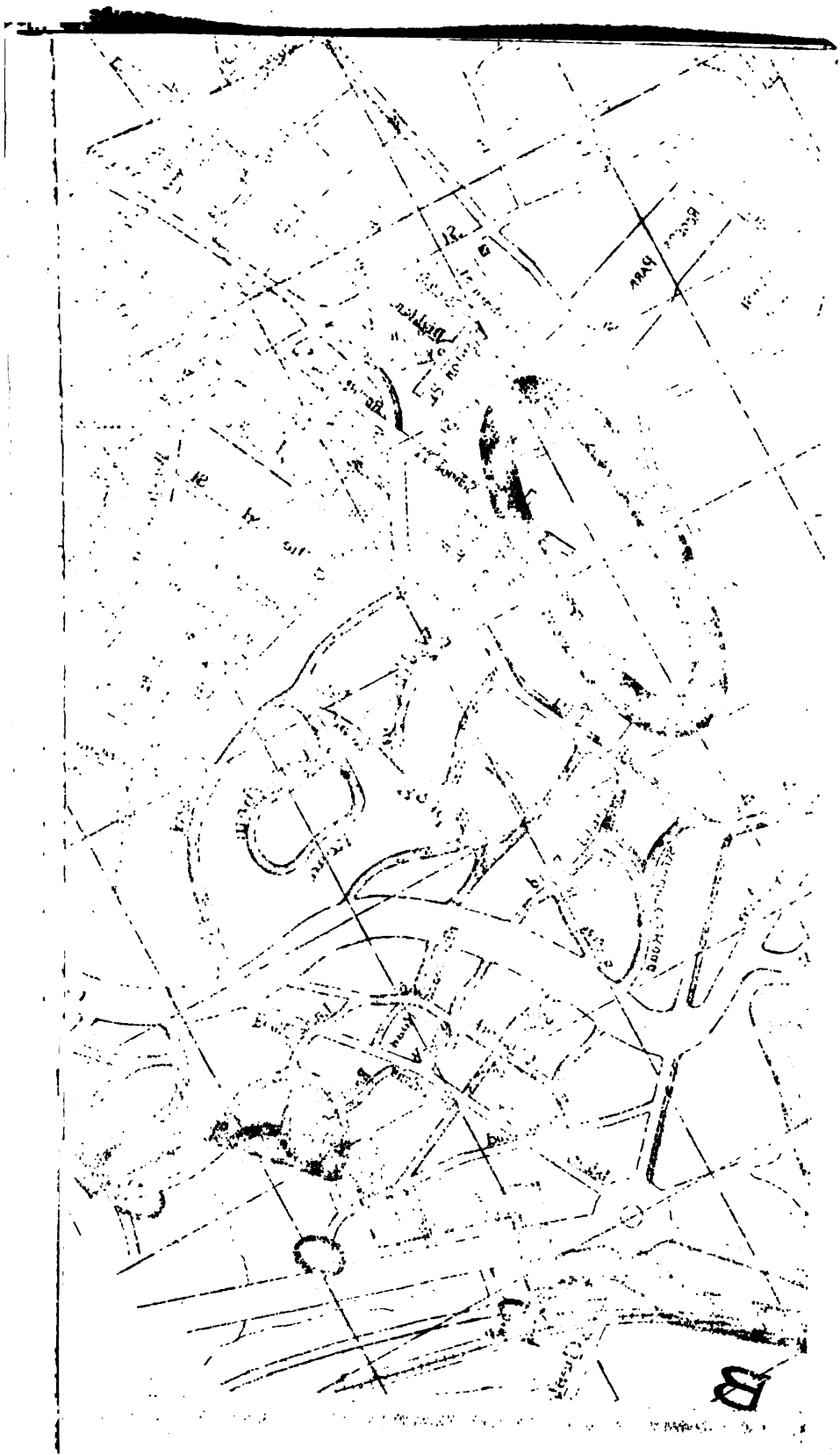
In the territory of about 45.91 acres covered by the above sectional plans, there are comprised :

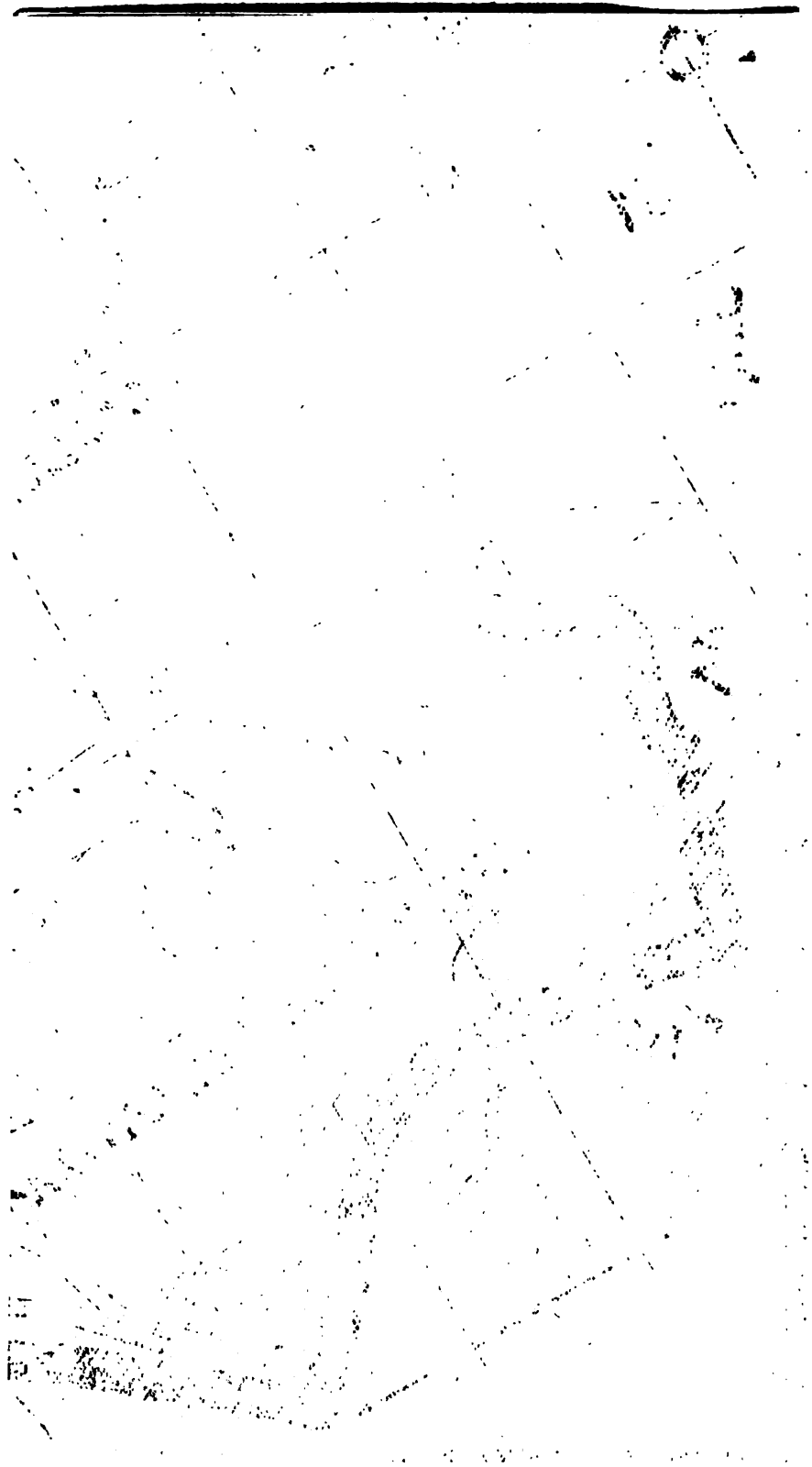
##### Public streets :

|                             |                              |
|-----------------------------|------------------------------|
| Number of streets . . . . . | 11                           |
| Length . . . . .            | 6,090 ft. = 1.15 miles       |
| Area . . . . .              | 343,700 sq. ft. = 7.89 acres |

New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                             |                              |
|-----------------------------|------------------------------|
| Number of streets . . . . . | 13                           |
| Length . . . . .            | 8,440 ft. = 1.60 miles       |
| Area . . . . .              | 161,600 sq. ft. = 3.71 acres |





## Totals :

|                                                                                                                    |                               |
|--------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Number of streets . . . . .                                                                                        | 20                            |
| Length . . . . .                                                                                                   | 11,270 ft. = 2.14 miles       |
| Area . . . . .                                                                                                     | 505,300 sq. ft. = 11.60 acres |
| Percentage of area of above territory, exclusive of parks,<br>etc., absorbed by all streets, old and new . . . . . | 25.20%                        |

Grade Plan of sections (2 sections complete) ; size, 7 ft. by 5 ft ; scale,  $\frac{1}{1000}$ . (In progress.)

The following is a statement of the work previously done, and the number of plans which have been filed :

Preliminary Plan showing existing public and private streets, estates, owners' names, etc. ; size, 8 ft. 6 in. by 7 ft. ; scale,  $\frac{1}{800}$ .

Four Plans from actual survey of 12 sections ; average size of each, 12 ft. by 5 ft. ; scale,  $\frac{1}{250}$ . (Completed.)

Three Sectional Plans of sections N 61, N 79, and N 80, complete with grades ; size of each, 4 ft. by 4 ft. ; scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor and filed December 30, 1893, with the City Surveyor.

Seven Sectional Plans of sections N 59, N 60, N 62, N 63, N 78, N 83, and M 70, complete with grades ; size of each, 4 ft. by 4 ft. ; scale,  $\frac{1}{250}$ .

These plans were approved by the Mayor and filed January 3, 1894, with the City Surveyor.

In the territory of about 190.42 acres covered by the above sectional plans, there are comprised :

## Public streets :

|                             |                               |
|-----------------------------|-------------------------------|
| Number of streets . . . . . | 8                             |
| Length . . . . .            | 34,565 ft. = 6.55 miles       |
| Area . . . . .              | 501,660 sq. ft. = 11.51 acres |

New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                             |                                 |
|-----------------------------|---------------------------------|
| Number of streets . . . . . | 27                              |
| Length . . . . .            | 27,178 ft. = 5.15 miles         |
| Area . . . . .              | 1,116,070 sq. ft. = 25.62 acres |

## Totals :

|                                                                                                                     |                                 |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Number of streets . . . . .                                                                                         | 32                              |
| Length . . . . .                                                                                                    | 55,873 ft. = 10.58 miles        |
| Area . . . . .                                                                                                      | 1,617,730 sq. ft. = 37.14 acres |
| Percentage of area of above territory, exclusive of parks,<br>etc., absorbed by all streets, old and new, . . . . . | 27.32%                          |

Grade Plan of sections (10 completed) ; size, 6 ft. by 5 ft. ; scale,  $\frac{1}{1000}$ . (In progress.)

Thirty-one Plans and Profiles showing grades of streets ; scales,  $\frac{1}{250}$  and  $\frac{1}{500}$ .

In connection with the sectional and other plans enumerated above, the following work has been done :

|                                                                      |     |
|----------------------------------------------------------------------|-----|
| Number of conveyances copied and titles looked up . . . . .          | 115 |
| Number of plans copied from Suffolk and Norfolk Registries . . . . . | 32  |

Total number of plans filed to date :

Sections M 70, N 59, N 60, N 61, N 62, N 63, N 78, N 79, N 80, N 81, N 82, and N 83. Number, 12.

In the territory of about 236.33 acres covered by the above sectional plans, there are comprised :

Public streets :

|                             |                             |
|-----------------------------|-----------------------------|
| Number of streets . . . . . | 16                          |
| Length . . . . .            | 40,655 ft.=7.70 miles       |
| Area . . . . .              | 845,360 sq. ft.=19.40 acres |

New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                             |                               |
|-----------------------------|-------------------------------|
| Number of streets . . . . . | 30                            |
| Length . . . . .            | 35,618 ft.=6.75 miles         |
| Area . . . . .              | 1,277,670 sq. ft.=29.33 acres |

Totals :

|                             |                               |
|-----------------------------|-------------------------------|
| Number of streets . . . . . | 41                            |
| Length . . . . .            | 67,143 ft.=12.72 miles        |
| Area . . . . .              | 2,123,030 sq. ft.=48.74 acres |

Percentage of area of above territory, exclusive of park, etc., absorbed by all streets, old and new . . . . . 26.89%

The appended plan shows the projection of new streets, etc., and the location of sections of which plans have been filed.

#### PLAN 10.

Part of West Roxbury :

|                |             |
|----------------|-------------|
| Area . . . . . | 2,373 acres |
|----------------|-------------|

Public streets :

|                             |                      |
|-----------------------------|----------------------|
| Number of streets . . . . . | 48                   |
| Length . . . . .            | 7,860 ft.=1.48 miles |

Private streets :

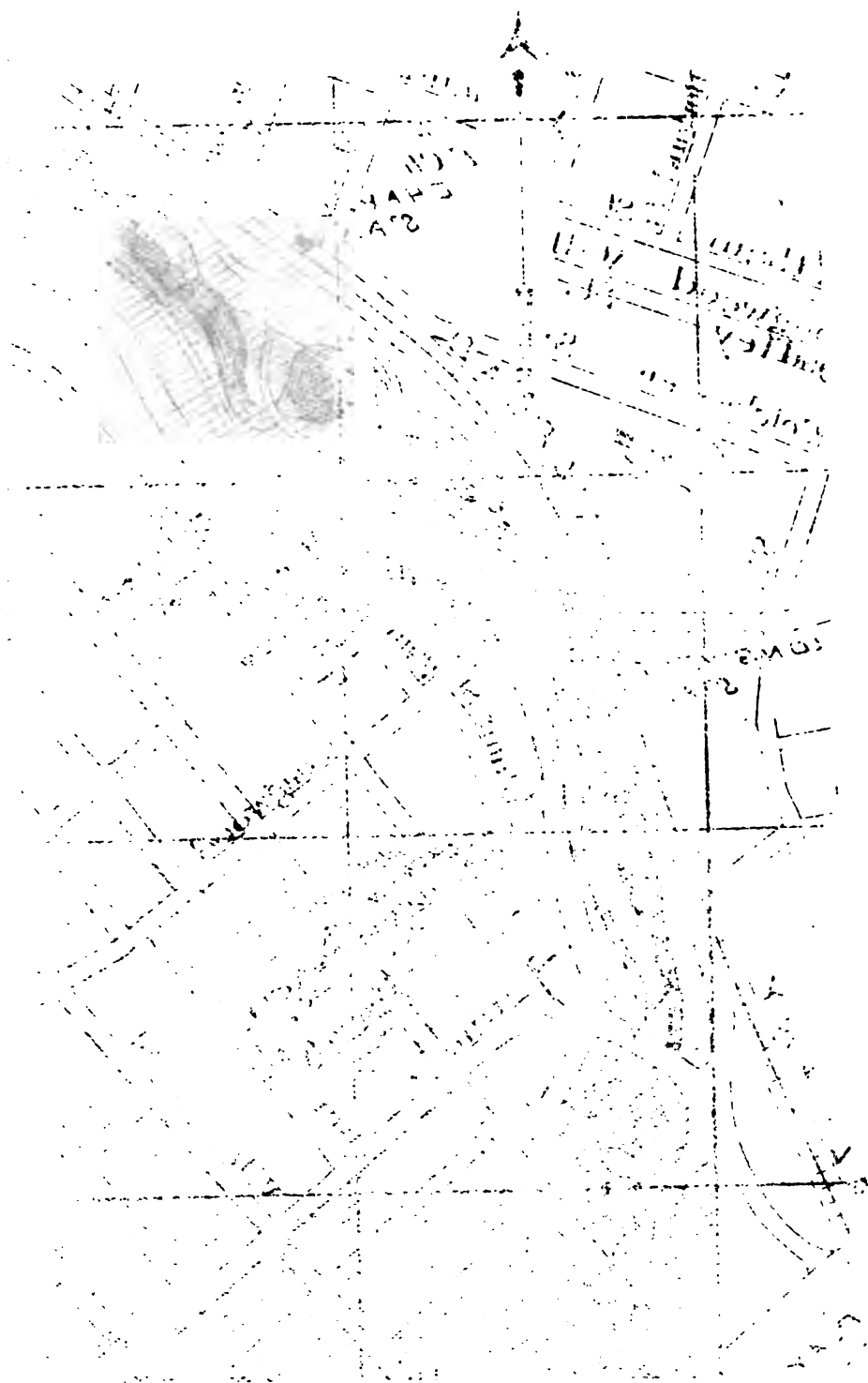
|                             |                       |
|-----------------------------|-----------------------|
| Number of streets . . . . . | 129                   |
| Length . . . . .            | 11,520 ft.=2.18 miles |

Number of estates in Plan 10 . . . . . 1,892

One preliminary hearing upon the whole territory, and three second hearings upon sections in detail, have been given on this plan.

A large amount of work has been done here, considerably





more than one-half of the entire district having been treated by the Board.

The Metropolitan Park Commission having also located the large park known as the Stony Brook Reservation in the territory, with a parkway to connect it with the Arnold Arboretum, this section of West Roxbury will be at once available for agreeable places of residence.

Immediately adjoining the above-mentioned parkway, on either side, to Beech street, and La Grange street, lies a section which to a large extent has been developed by private interests.

The Board have found it extremely difficult to adjust the system properly, and supply the missing and necessary streets. The interests of all, rather than that of a few, had to be borne in mind in settling the matter, which, in the opinion of the Board, has been done in a satisfactory manner.

Washington street has been made one hundred feet wide for the entire length of the plan.

Centre street has been made eighty feet wide, as has also Spring street, a not less important thoroughfare to Dedham. La Grange street has been made eighty feet wide from the railroad to Washington street.

It was the intention of the Board to extend this street, at this width, to the boundary line, with a view of joining with the town of Hyde Park, in the location of a much-needed thoroughfare to that place. The location, in the meantime, of the Stony Brook Reservation, between these points, left the Board without power to continue the street beyond its present terminus.

With the same object in view, a thoroughfare to Hyde Park, Baker street, has been widened to eighty feet and extended, at that width, by very easy grades to Washington street; from there, if no serious obstacle appears, it will be continued to the boundary line.

In connection with the regular work of the Board in this territory, a large amount of work was done in the final location of a portion of the West Roxbury Parkway, for the Metropolitan Park Commissioners, and computations were made for its boundaries and takings.

The following is a statement of the work done during the year:

Plan from actual survey of 1 section, Cc 7; size, 5 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 1 section, Cc 45; size, 5 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 2 sections, Cc 46 and Cc 55; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 1 section, Cc 23; size, 5 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, Z 61 and Z 80; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, Z 62 and Z 63; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, Z 64 and Z 77; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, Z 76 and Z 85; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, Z 78 and Z 79; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, Z 81 and Z 100; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, Z 82 and Z 99; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, Z 83 and Z 98; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, Z 84 and Z 97; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 1 section, Z 96; size, 5 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 2 sections, Z 86 and Z 95; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 1 section, Z 87; size, 5 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 2 sections, Cc 3 (part of) and Cc 18; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, Cc 4 and Cc 17; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, Cc 5 and Cc 16; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 3 sections, Cc 14, Cc 27, and Cc 34; size, 13 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 2 sections, Cc 25 and Cc 36; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 2 sections, Cc 26 and Cc 35; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 2 sections, Cc 24 and Cc 37; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 1 section, Cc 2 (part of); size, 5 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 1 section, Z 94; size, 5 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 1 section, Cc 19; size, 5 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Plan from actual survey of 2 sections, Cc 6 and Cc 15; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (In progress.)

Plan from actual survey of 2 sections, Cc 2 (part of) and Cc 3; size, 9 ft. by 5 ft.; scale,  $\frac{1}{250}$ . (Completed.)

Twenty-two Sectional Plans of sections Z 61, Z 62, Z 63, Z 76, Z 77, Z 78, Z 79, Z 80, Z 81, Z 82, Z 83, Z 84, Z 85, Z 97, Z 98, Z 99, Cc 2, Cc 3, Cc 17, Cc 18, Cc 19, and Cc 23, complete with grades; size of each, 4 ft. by 4 ft.; scale,  $\frac{1}{250}$ . (Completed.)

These plans were approved by the Mayor, and filed January 7, 1895, with the City Surveyor.

In the territory of about 505.05 acres covered by the above sectional plans, there are comprised:

Public streets:

|                   |   |   |   |   |                               |    |
|-------------------|---|---|---|---|-------------------------------|----|
| Number of streets | . | . | . | . | .                             | 13 |
| Length            | . | . | . | . | 22,295 ft. = 4.22 miles       |    |
| Area              | . | . | . | . | 968,590 sq. ft. = 22.24 acres |    |

New streets established, private streets adopted, and public streets widened by the Board of Survey:

|                   |   |   |   |   |                                 |    |
|-------------------|---|---|---|---|---------------------------------|----|
| Number of streets | . | . | . | . | .                               | 86 |
| Length            | . | . | . | . | 76,395 ft. = 14.47 miles        |    |
| Area              | . | . | . | . | 2,969,485 sq. ft. = 68.17 acres |    |

Totals:

|                   |   |   |   |   |                                 |    |
|-------------------|---|---|---|---|---------------------------------|----|
| Number of streets | . | . | . | . | .                               | 94 |
| Length            | . | . | . | . | 89,065 ft. = 16.87 miles        |    |
| Area              | . | . | . | . | 3,938,075 sq. ft. = 90.41 acres |    |

Percentage of area of above territory, exclusive of parks, etc., absorbed by all streets, old and new . 22.26%

Twenty-two Sectional Plans of sections Z 64, Z 86, Z 87, Z 94, Z 95, Z 96, Z 100, Cc 1, Cc 4, Cc 5, Cc 6, Cc 7, Cc 14, Cc 15, Cc 16, Cc 24, Cc 25, Cc 26, Cc 27, Cc 34, Cc 35, and Cc 36; size of each, 4 ft. by 4 ft.; scale,  $\frac{1}{250}$ . (In progress.)

In the territory of about 505.05 acres covered by the above sectional plans, there are comprised:

Public streets:

|                   |   |   |   |   |                               |    |
|-------------------|---|---|---|---|-------------------------------|----|
| Number of streets | . | . | . | . | .                             | 14 |
| Length            | . | . | . | . | 19,515 ft. = 3.70 miles       |    |
| Area              | . | . | . | . | 942,250 sq. ft. = 21.63 acres |    |

New streets established, private streets adopted, and public streets widened by the Board of Survey:

|                   |   |   |   |   |                                 |     |
|-------------------|---|---|---|---|---------------------------------|-----|
| Number of streets | . | . | . | . | .                               | 112 |
| Length            | . | . | . | . | 103,587 ft. = 19.62 miles       |     |
| Area              | . | . | . | . | 3,969,700 sq. ft. = 91.13 acres |     |

## Totals :

|                                                                                                                   |                                  |
|-------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Number of streets . . . . .                                                                                       | 121                              |
| Length . . . . .                                                                                                  | 108,150 ft. = 20.48 miles        |
| Area . . . . .                                                                                                    | 4,911,950 sq. ft. = 112.76 acres |
| Percentage of area of above territory, exclusive of park, etc.,<br>absorbed by all streets, old and new . . . . . | 22.40%                           |

Grade Plan of sections (22 sections completed, 10 sections in progress); size, 13 ft. by 5 ft.; scale,  $\frac{1}{1000}$ . (In progress.)

Plans and Profiles showing grades of Aldrich street, Aldrich-street extension, Allen street, Anawan-avenue extension, Arden street, Belgrade avenue, Belgrade-avenue extension, Berry street, Brook street, Central avenue, Colberg avenue, Colberg-avenue extension, Cowing-street extension, Hill street, Irving street, Irving-street extension, Lark street, Linnet street, Linnet-street extension, Lorraine street, Malcolm street, Martin street, Montello street, Newburg street, Newburg-street extension, Orange street, Park-street extension, Partridge street, Pelton street, Rexhame street, Robin street, Saville street, Saville-street extension, Swallow street, West street, Wren street, and streets numbered 635, 636, 642, 644, 645, 646, 647, 656, 657, 664, 665, 666, 671, 731, 732, and 747, and parts of Beech street, Bellevue avenue, Bellevue street, Central street, Clement avenue, Cottage avenue, Cowing street, Curlew street, Cypress street, Eagle street, Farrington avenue, Grouse street, Guernsey street, Heron street, Kenneth-street extension, La Grange street, Landseer-street extension, Linden street, Mendelssohn street, Park street, Petrel street, Roslindale avenue, Sparrow street, Stratford avenue, Thrush street, Washington street, Willet street, and streets numbered 481, 482, 634, 692, 698, and 748; scales,  $\frac{1}{250}$  and  $\frac{1}{500}$ . (Completed.)

Plans and Profiles in progress showing grades of Alaric street, Ashland street, Baker street, Baker-street extension, Beech street, Beech-street extension, Billings street, Brahms street, Centre street, Clement avenue, Cottage avenue, Cowing street, Curlew-street extension, Eagle-street extension, Elgin street, Farrington avenue, Flora street, George street, Grove street, Haydn street, Heron street, High street, Hillcrest street, Kenneth-street extension, La Grange street, Liszt street, Lorette street, Nikisch avenue, North avenue, Oak avenue, Perham street, Petrel-street extension, Plover street, Rockland street, Shaw street, Sparrow street, Spinney street, Spring street, Stratford avenue, Summer-street extension, Washington street, Willit street, Willit-street ex-

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tension, and streets numbered 482, 483, 484, 485, 486, 487, 488, 489, 490, 493, 494, 495, 496, 497, 604, 605, 606, 607, 608, 609, 611, 612, 613, 614, 615, 616, 632, 634, 637, 666, 694, 733, 734, 735, 736, 737, 738, 739, 741, 742, 743, 744, 748, 749, 751, 752, 753, 754, 756, 757, 759, 760, 761, 762, 763, 765, 766, 767, and 768; scales,  $\frac{1}{250}$  and  $\frac{1}{50}$ . (In progress.)

Plan of a portion of the West Roxbury Parkway, from the West Roxbury Branch of the New York, New Haven, and Hartford Railroad to Washington street, showing dimensions, owners' names, and takings, made for the use of the Metropolitan Park Commissioners; size of plan, 3 ft. by 2 ft.; scale, 150 ft. to an inch.

Contour Plan of territory covered by sections Cc 7, Cc 14, Cc 27, Cc 34, and Cc 47 (115 acres), showing contours at every 5 ft.; size of plan, 6 ft. by 5 ft.; scale,  $\frac{1}{1000}$ . (Completed.)

Contour Plan of territory covered by sections Cc 4, Cc 5, Cc 6, Cc 15, Cc 16, Cc 24, Cc 25, Cc 26, Cc 35, Cc 36, Z 86, Z 87, Z 94, Z 95, and Z 96 (442 acres), showing contours at every 5 ft.; size of plan, 9 ft. by 5 ft.; scale,  $\frac{1}{1000}$ . (Completed.)

In connection with the sectional and other plans enumerated above, the following work has been done :

|                                                                                    |     |
|------------------------------------------------------------------------------------|-----|
| Number of conveyances copied and titles looked up .                                | 327 |
| Number of plans copied from Suffolk and Norfolk Registries and elsewhere . . . . . | 48  |

The following is a statement of the work previously done :

Preliminary Plan showing existing public and private streets, estates, owners' names, etc.; size, 17 ft. by 10 ft.; scale,  $\frac{1}{1000}$ .

Work was done on 19 plans from actual survey covering 36 sections, and also in the preparation of 26 sectional plans.

|                                                                                    |     |
|------------------------------------------------------------------------------------|-----|
| Number of conveyances copied and titles looked up .                                | 315 |
| Number of plans copied from Suffolk and Norfolk Registries and elsewhere . . . . . | 35  |

The appended plan shows the projection of new streets, etc., and the location of sections of which plans have been filed.

#### PLAN 11.

Part of West Roxbury.

|                |             |
|----------------|-------------|
| Area . . . . . | 2,332 acres |
|----------------|-------------|

Plans and Profiles showing grades in progress, of Back street, Morton street, Tileston avenue, Tileston-avenue extension, and streets numbered 907, 913, 914, 917, 918, 919, 921, 923, 924, 925, 952, and 953; scales,  $\frac{1}{250}$  and  $\frac{1}{50}$ . (In progress.)

In connection with the sectional and other plans enumerated above, the following work has been done:

|                                                                                    |    |
|------------------------------------------------------------------------------------|----|
| Number of conveyances copied and titles looked up .                                | 48 |
| Number of plans copied from Suffolk and Norfolk Registries and elsewhere . . . . . | 12 |

#### PLAN 13.

##### *Part of Roxbury and West Roxbury.*

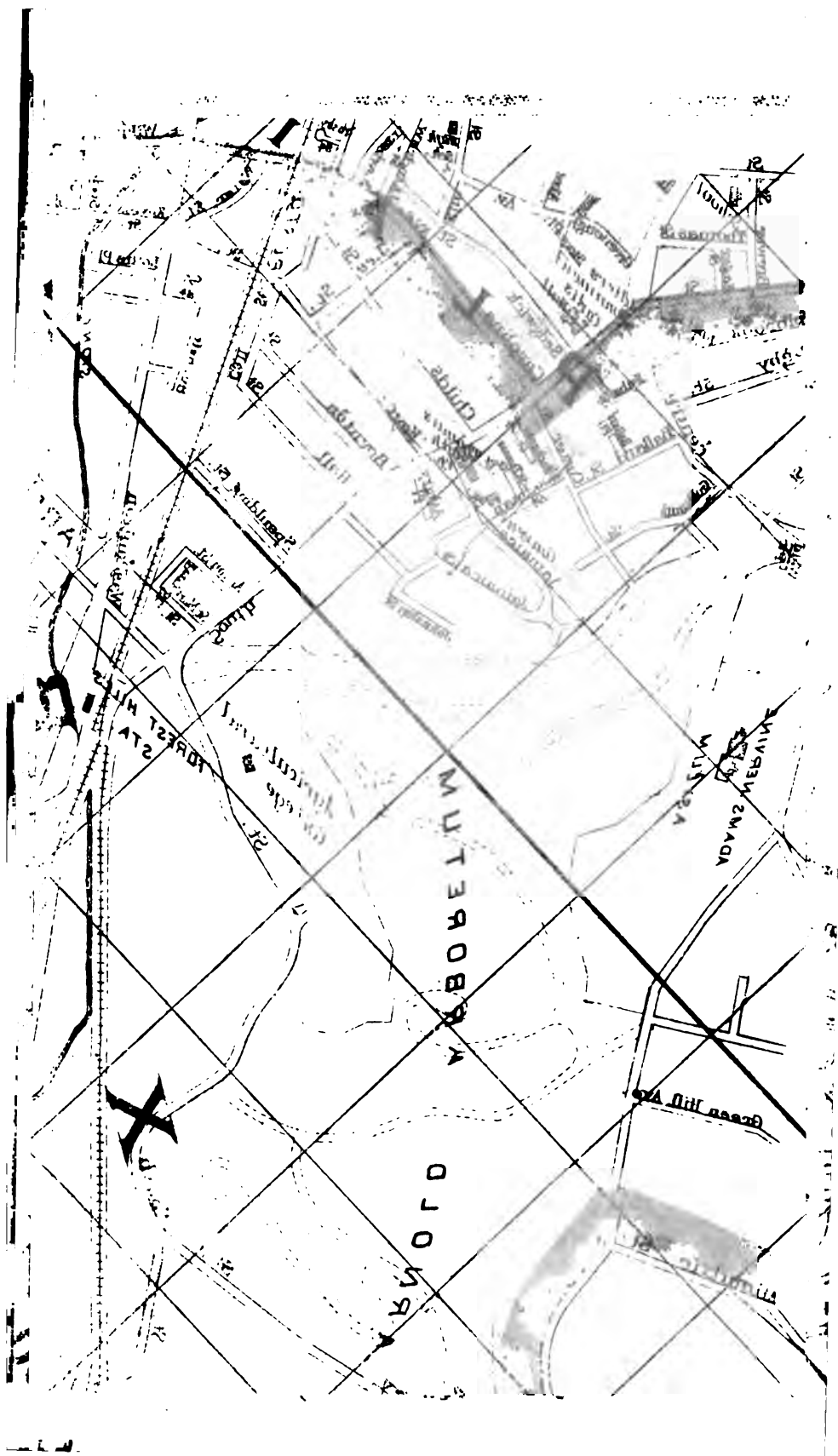
This district, consisting of about 2,224 acres, is bounded, approximately, by Morton street, Forest Hills street, Williams street, Carolina avenue, South street, Eliot street, Pond street, Prince street, the town of Brookline to near the junction of Tremont and Heath streets, thence by a straight line to a point near the corner of Gore and Terrace streets, thence by another straight line to a point near the corner of Cedar and Pynchon streets, thence by Cedar, Washington, Dale, Warren, and Woodbine streets and Blue Hill avenue.

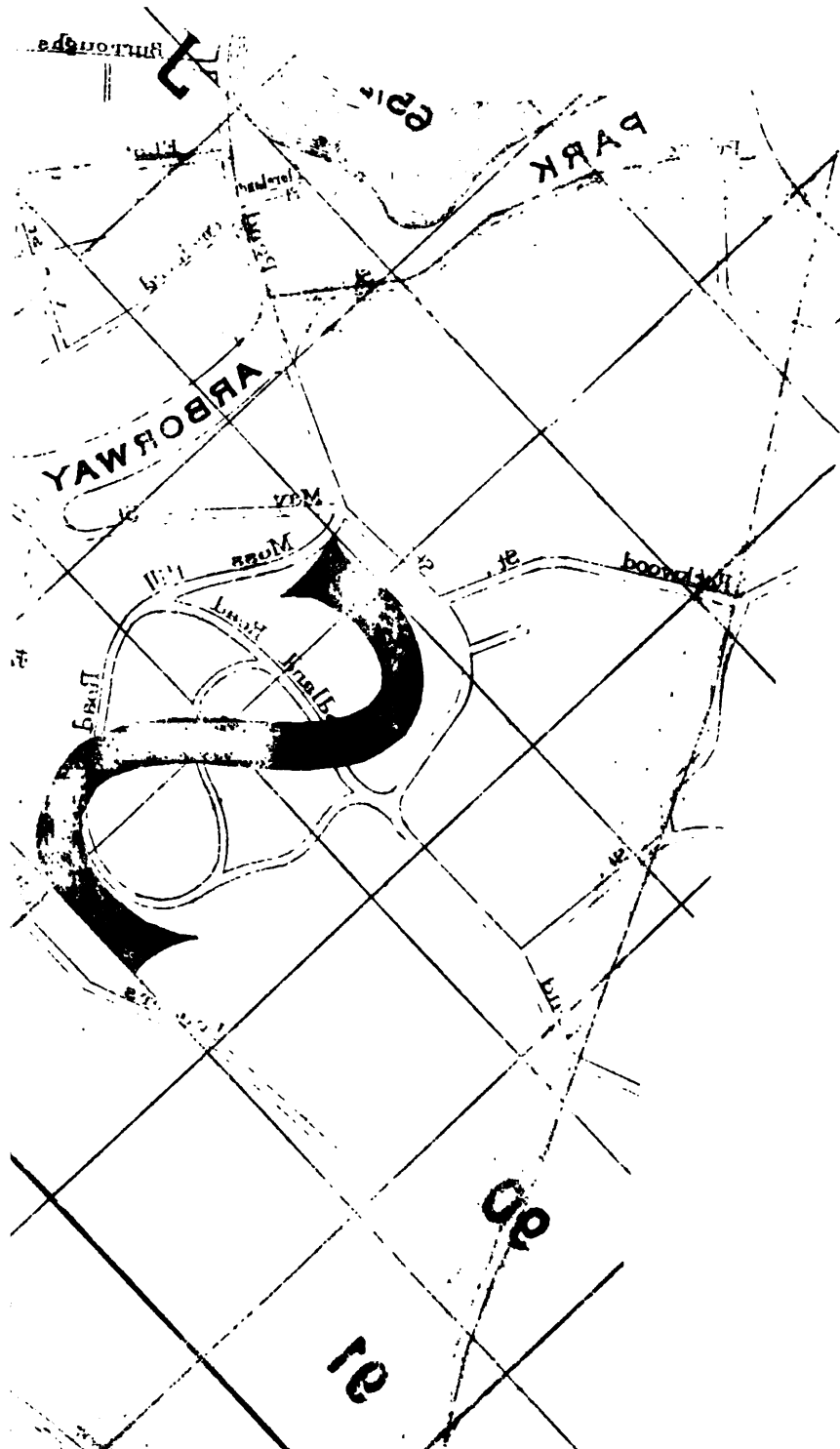
Within this territory are included the whole of Franklin Park, Arnold Arboretum, Jamaica Park, and the way connecting same with the Muddy River Improvement, features which add materially to the attractions of the locality and its desirability as a place of residence.

Of all districts which have been under consideration by the Board, this one is the most compactly settled, notably so at Roxbury and immediately about Jamaica Plain. There are, however, still left undeveloped several large tracts of land, to which the Board intend to give their immediate attention.

The district is comparatively well provided with thoroughfares. Blue Hill avenue, lying upon the extreme easterly boundary, will, when constructed, also add much to the attractiveness of the district. While this section is fairly well supplied with thoroughfares, they generally traverse it longitudinally, from the city outward.

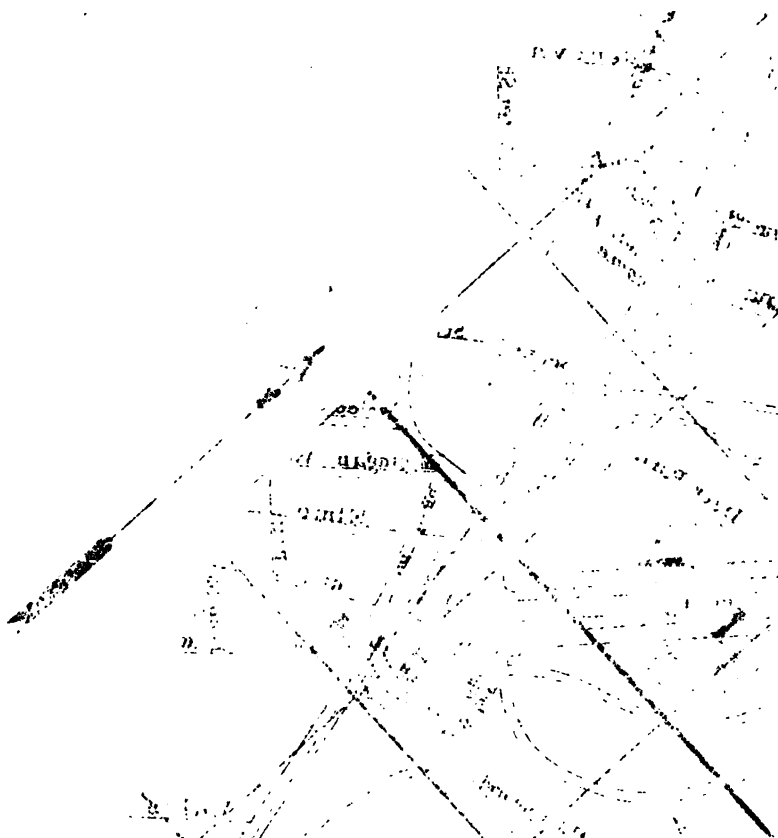
It seems to be the universal opinion of the residents and owners of land in Dorchester and Roxbury, that a new, broad, and direct thoroughfare is needed to connect the two wards, the means of communication between them being indirect and inadequate even at the present time, and certainly insufficient for the future. In view of this, a new street has

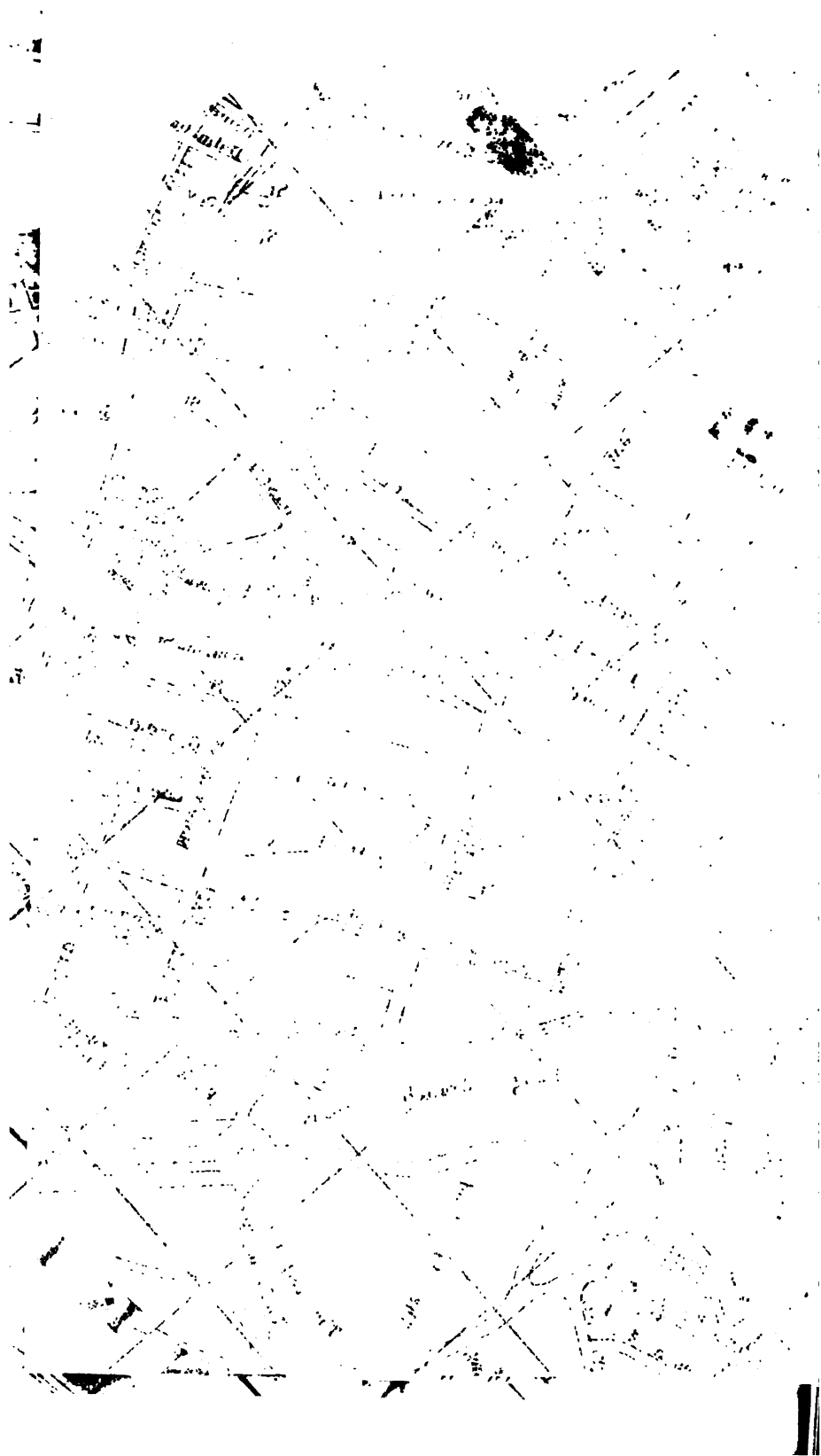




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been projected to meet these demands as far as possible. Quincy and Townsend streets, lying in the very centre of the district, will be used as far as possible and widened to sixty feet. Townsend street will be extended across and beyond Washington street and Columbus avenue, connecting with Centre street, at Hog bridge. Surveys are in progress of sections in detail along the line of this improvement, and a hearing will be given on them soon.

Appended is a plan of the territory, with a statement of the work :

Public streets :

|                   |   |   |   |             |              |
|-------------------|---|---|---|-------------|--------------|
| Number of streets | . | . | . | .           | 189          |
| Length            | . | . | . | 241,850 ft. | =45.81 miles |

Private streets :

|                   |   |   |   |            |             |
|-------------------|---|---|---|------------|-------------|
| Number of streets | . | . | . | .          | 101         |
| Length            | . | . | . | 41,740 ft. | =7.91 miles |

|                              |   |   |   |   |       |
|------------------------------|---|---|---|---|-------|
| Number of estates in Plan 13 | . | . | . | . | 3,462 |
|------------------------------|---|---|---|---|-------|

Pentagraphing 89 Sectional Plans from size 3 ft. by 4 ft., scale, 20 ft. to an inch, to size  $11\frac{1}{2}$  in. by  $8\frac{1}{2}$  in.; scale,  $\frac{1}{1000}$ .

Pentagraphing 20 Sectional Plans from size 3 ft. by 4 ft., to size 17 in. by 23 in.; scale,  $\frac{1}{1000}$ .

Pentagraphing 6 Sectional Plans from size 3 ft. by 4 ft., scale, 60 ft. to an inch, to size  $25\frac{3}{4}$  in. by  $34\frac{1}{2}$  in.; scale,  $\frac{1}{1000}$ .

Tracing 28 Miscellaneous Plans from various scales for pentagraphing to scale  $\frac{1}{1000}$ .

Tracings made of 25 Plans, 3 ft. by 3 ft., for pentagraphing to scale  $\frac{1}{1000}$ .

Preliminary Plans showing existing public and private streets, estates, owners' names, etc.; size, 15 ft. 6 in. by 10 ft.; scale,  $\frac{1}{1000}$ . (Completed.)

Number of plans copied from the Suffolk and Norfolk

|                          |   |   |   |   |     |
|--------------------------|---|---|---|---|-----|
| Registries and elsewhere | . | . | . | . | 335 |
|--------------------------|---|---|---|---|-----|

#### PLAN 14.

##### *Part of Dorchester.*

This territory is bounded approximately by Cottage street, Pond street, Crescent avenue, Dorchester bay, Park street, Harvard street and Blue Hill avenue, and contains about 1,935 acres. This is the latest plan upon which the Board have given a preliminary hearing.

Since the beginning of the work, fourteen hearings have

been given on these plans, covering an area of about 20,621 acres. These hearings have been confined, almost entirely, to the suburban districts, and have been held as required by statute for the purpose of obtaining the opinions of the residents and owners of real estate immediately interested, in regard to the location and widths of streets. Information received at these hearings has been of much assistance to the Board in their work.

The territory covered by Plan 14 is quite thickly settled, almost entirely with dwellings, there being little if any business carried on in it. It consequently will have to be treated as a place for residence. Although comparatively well supplied with streets, they are generally of insufficient width for future use.

One great main thoroughfare, Blue Hill avenue, lies on the western boundary of this territory, and directly opposite, almost at the extreme eastern limit, is Dorchester avenue, which passes through it in almost a straight line from the centre of the city, at Post Office square; while Dudley, Stoughton, Columbia, Hancock, Bowdoin, and Washington streets intersect it.

The new cross-town thoroughfare, mentioned under Plan 13, enters this territory by way of Quincy street, which will be widened to sixty feet as far as Meeting-House Hill, and then will be continued by way of Adams street to and beyond Field's Corner.

Columbia and Boston streets traverse this district diagonally from Franklin Park to Edward Everett square, connecting here with the Strandway leading to the Marine Park. These two streets, forming a part in the chain of parks, will be much used, and should be liberally widened.

Several undeveloped tracts in different parts of the territory on Plan 14 are to receive the early attention of the Board.

Appended is a plan of the territory, with a statement of the work:

Public streets:

|                   |   |   |   |   |               |             |
|-------------------|---|---|---|---|---------------|-------------|
| Number of streets | . | . | . | . | .             | 138         |
| Length            | . | . | . | . | 168,630 ft. = | 31.94 miles |

Private streets:

|                              |   |   |   |   |              |             |
|------------------------------|---|---|---|---|--------------|-------------|
| Number of streets            | . | . | . | . | .            | 146         |
| Length                       | . | . | . | . | 68,320 ft. = | 12.94 miles |
| Number of estates in Plan 14 | . | . | . | . | .            | 2,565       |

Pentagraphing 46 sectional plans from size 3 ft. by 4 ft.; scale, 40 ft. to an inch, to size 17 in. by 23 in.; scale,

000 400

000 100

100

000

000

WESTERN HILL

000 100

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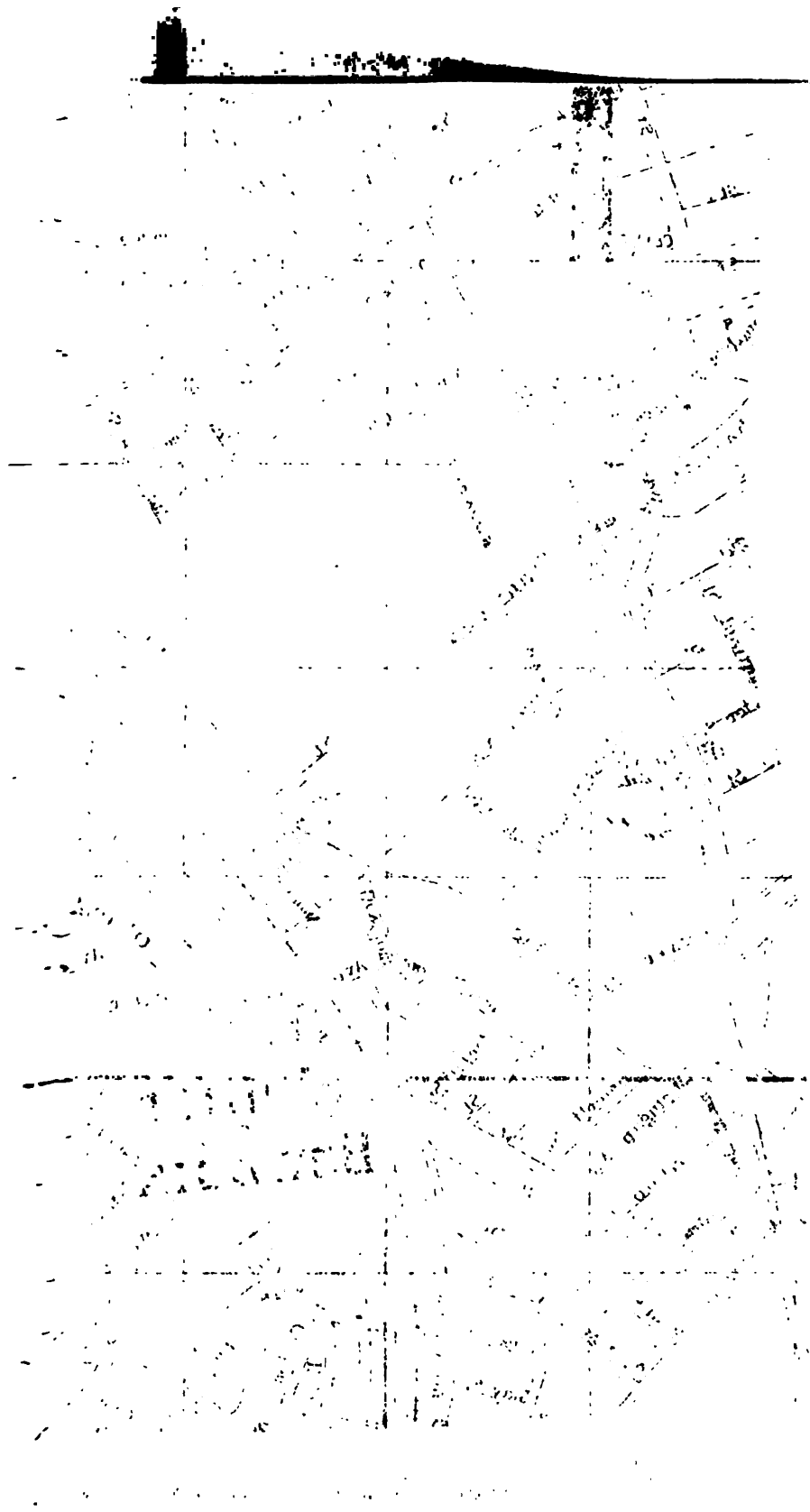
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Pentagraphing 37 miscellaneous plans from various scales to scale  $\frac{1}{1000}$ .

Tracings made of 19 plans, size, 3 ft. by 3 ft., for pentagraphing to scale  $\frac{1}{1000}$ .

Preliminary Plan showing existing public and private streets, estates, owners' names, etc.; size, 16 ft. 6 in. by 10 ft.; scale,  $\frac{1}{1000}$ . (Completed.)

#### Summary of Detail of Work upon Foregoing Plans:

##### Plans:

Numbers, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, and 14  
Area . . . . . 20,621 acres

##### Public streets:

Number of streets . . . . . 811  
Length . . . . . 1,167,631 ft. = 221.14 miles

##### Private streets:

Number of streets . . . . . 1,012  
Length . . . . . 501,401 ft. = 94.96 miles

##### Estates:

Number of estates . . . . . 22,094

##### Working plans completed:

Number . . . . . 1  
Size . . . . . 16 ft. by 7 ft.  
Scale . . . . . 50 ft. to an inch

The only working plan made was for the "Plan 4" mentioned above.

##### Tracings made for pentagraphing:

Number . . . . . 126  
Size of each . . . . . 1 ft. 9 in. by 2 ft. 8 in.  
Scales . . . . . 50, 100, 150, and 200 ft. to an inch

##### Pentagraphed sectional plans completed:

Number . . . . . 400  
Sizes, 3 ft. by 4 ft.; 2 ft. 4 in. by 3 ft. 4 in.; pentagraphed to sizes, 17½ in. by 23 in.; 2 ft. 5.8 in. by 3 ft. 2.4 in.; and 2 ft. 9.6 in. by 4 ft.; scales, 40 and 100 ft. to an inch, pentagraphed to scales  $\frac{1}{1000}$  and 50 ft. to an inch.

##### Preliminary plans completed:

Number . . . . . 14  
Sizes, 11 ft. 6 in. by 8 ft. 9 in.; 12 ft. 3 in. by 5 ft.; 14 ft. by 10 ft.; 16 ft. 6 in. by 10 ft.; 10 ft. by 8 ft.; 9 ft. by 5 ft.; 11 ft. by 10 ft.; 20 ft. by 10 ft.; 8 ft. 6 in. by 7 ft.; 17 ft. by 10 ft.; 20 ft. by 10 ft.; 18 ft. by 10 ft.; 15 ft. 6 in. by 10 ft.; and 16 ft. 6 in. by 10 ft.; scales, 50 ft. to an inch, and  $\frac{1}{1000}$ .

## Tracings of sectional plans for field work :

|                  |                               |
|------------------|-------------------------------|
| Number . . . . . | 71                            |
| Size . . . . .   | 3 ft. by 4 ft.                |
| Scales . . . . . | 20, 40, and 60 ft. to an inch |

## Plans from actual survey completed :

|                                        |                 |
|----------------------------------------|-----------------|
| Number . . . . .                       | 72              |
| Number of sections comprised . . . . . | 193             |
| Area of sections comprised . . . . .   | 3,485.83 acres  |
| Scale . . . . .                        | $\frac{1}{250}$ |

## Plans from actual survey, completed, of territory :

|                                        |                  |
|----------------------------------------|------------------|
| Number . . . . .                       | 4                |
| Number of sections comprised . . . . . | 57               |
| Area of sections comprised . . . . .   | 1,047.25 acres   |
| Scale . . . . .                        | $\frac{1}{1000}$ |

## Plans from actual survey, in progress :

|                                        |                 |
|----------------------------------------|-----------------|
| Number . . . . .                       | 31              |
| Number of sections comprised . . . . . | 62              |
| Area of sections comprised . . . . .   | 1,222.89 acres  |
| Scale . . . . .                        | $\frac{1}{250}$ |

## Plans from actual survey, in progress, of territory :

|                                        |                  |
|----------------------------------------|------------------|
| Number . . . . .                       | 2                |
| Number of sections comprised . . . . . | 39               |
| Area of sections comprised . . . . .   | 895.32 acres     |
| Scale . . . . .                        | $\frac{1}{1000}$ |

## Sectional plans completed, approved, and filed :

|                           |                 |
|---------------------------|-----------------|
| Number of plans . . . . . | 184             |
| Size of each . . . . .    | 4 ft. by 4 ft.  |
| Scale . . . . .           | $\frac{1}{250}$ |

## Territory covered by plans :

|                |                |
|----------------|----------------|
| Area . . . . . | 3,391.18 acres |
|----------------|----------------|

## Public streets :

|                             |                                   |
|-----------------------------|-----------------------------------|
| Number of streets . . . . . | 147                               |
| Length . . . . .            | 214,708 ft. = 40.66 miles         |
| Area . . . . .              | 11,404,818 sq. ft. = 261.82 acres |

## New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                             |                                   |
|-----------------------------|-----------------------------------|
| Number of streets . . . . . | 572                               |
| Length . . . . .            | 514,668 ft. = 97.47 miles         |
| Area . . . . .              | 22,025,288 sq. ft. = 505.63 acres |

## Sectional plans completed, ready to file :

|                           |                 |
|---------------------------|-----------------|
| Number of plans . . . . . | 1               |
| Size . . . . .            | 4 ft. by 4 ft.  |
| Scale . . . . .           | $\frac{1}{250}$ |

## Territory covered by plan :

|                |             |
|----------------|-------------|
| Area . . . . . | 22.95 acres |
|----------------|-------------|

## Public streets :

|                             |                              |
|-----------------------------|------------------------------|
| Number of streets . . . . . | 6                            |
| Length . . . . .            | 2,202 ft. = 0.42 mile        |
| Area . . . . .              | 114,660 sq. ft. = 2.63 acres |

## New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                             |                             |
|-----------------------------|-----------------------------|
| Number of streets . . . . . | 8                           |
| Length . . . . .            | 2,512 ft. = 0.48 mile       |
| Area . . . . .              | 91,335 sq. ft. = 2.10 acres |

## Sectional plans in progress :

|                           |                 |
|---------------------------|-----------------|
| Number of plans . . . . . | 59              |
| Size of each . . . . .    | 4 ft. by 4 ft.  |
| Scale . . . . .           | $\frac{1}{250}$ |

## Territory covered by plans :

|                |                |
|----------------|----------------|
| Area . . . . . | 1,269.66 acres |
|----------------|----------------|

## Public streets :

|                             |                                  |
|-----------------------------|----------------------------------|
| Number of streets . . . . . | 57                               |
| Length . . . . .            | 71,294 ft. = 13.50 miles         |
| Area . . . . .              | 4,457,895 sq. ft. = 102.34 acres |

## New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                             |                                  |
|-----------------------------|----------------------------------|
| Number of streets . . . . . | 255                              |
| Length . . . . .            | 197,245 ft. = 37.36 miles        |
| Area . . . . .              | 7,532,079 sq. ft. = 172.91 acres |

## Totals of sectional plans filed, ready to file, and in progress :

|                           |                 |
|---------------------------|-----------------|
| Number of plans . . . . . | 244             |
| Size of each . . . . .    | 4 ft. by 4 ft.  |
| Scale . . . . .           | $\frac{1}{250}$ |

## Territory covered by plans :

|                |                |
|----------------|----------------|
| Area . . . . . | 4,683.79 acres |
|----------------|----------------|

## Public streets :

|                             |                                   |
|-----------------------------|-----------------------------------|
| Number of streets . . . . . | 170                               |
| Length . . . . .            | 288,204 ft. = 54.58 miles         |
| Area . . . . .              | 15,977,473 sq. ft. = 366.79 acres |

## New streets established, private streets adopted, and public streets widened by the Board of Survey :

|                             |                                   |
|-----------------------------|-----------------------------------|
| Number of streets . . . . . | 761                               |
| Length . . . . .            | 714,425 ft. = 135.31 miles        |
| Area . . . . .              | 29,648,702 sq. ft. = 680.64 acres |

## Totals :

|                             |                                     |
|-----------------------------|-------------------------------------|
| Number of streets . . . . . | 885                                 |
| Length . . . . .            | 900,234 ft. = 170.50 miles          |
| Area . . . . .              | 45,626,175 sq. ft. = 1,047.43 acres |

Percentage of area of above territory, exclusive of parks, river, etc., absorbed by all streets, old and new, 25.58%

Streets located and relocated on sectional plans completed,  
approved, and filed :

Length . . . . . 659,696 ft.=124.95 miles

Streets located and relocated on sectional plans completed,  
ready to file :

Length . . . . . 4,714 ft.=0.89 mile

Streets located and relocated on sectional plans in progress :

Length . . . . . 235,824 ft.=44.66 miles

Totals of streets located and relocated on sectional plans  
filed, ready to file, and in progress :

Length . . . . . 900,234 ft.=170.50 miles

Index plans completed :

Number of plans . . . . . 2

Size . . . . . 4 ft. by 4 ft.

Scales . . . . .  $\frac{1}{1000}$  and  $\frac{1}{1500}$

Grade Plans of whole territories completed :

Number of plans . . . . . 2

Number of sections comprised . . . . . 25

Area of sections comprised . . . . . 237.75 acres

Scale . . . . .  $\frac{1}{1000}$

Copies of grade plans of whole territories completed :

Number of plans . . . . . 1

Number of sections comprised . . . . . 12

Area of sections comprised . . . . . 105 acres

Scale . . . . .  $\frac{1}{1000}$

Grade Plans showing sections :

Number of plans . . . . . 11

Number of sections completed . . . . . 164

Area of sections completed . . . . . 3,177.68 acres

Number of sections in progress . . . . . 33

Area of sections in progress . . . . . 672.79 acres

Scale . . . . .  $\frac{1}{1000}$

Plans and Profiles showing grades completed :

Number of streets comprised . . . . . 624

Scales . . . . .  $\frac{1}{250}$  and  $\frac{1}{50}$

Plans and Profiles showing grades in progress :

Number of streets comprised . . . . . 174

Scales . . . . .  $\frac{1}{250}$  and  $\frac{1}{50}$

Plans and Profiles showing grades and proposed lines of  
widening for the use of the Street Commissioners, com-  
pleted :

Number of streets comprised . . . . . 3

Scales . . . 150 ft. to an inch,  $\frac{1}{250}$  ; 10 ft. to an inch,  $\frac{1}{50}$

## Plans showing contours at every 5 ft., completed :

|                                        |                  |
|----------------------------------------|------------------|
| Number of plans . . . . .              | 4                |
| Number of sections comprised . . . . . | 49               |
| Area of sections comprised . . . . .   | 1,027.33 acres   |
| Scale . . . . .                        | $\frac{1}{1000}$ |

## Tracings showing contours at every 5 ft., completed :

|                                        |                  |
|----------------------------------------|------------------|
| Number of tracings . . . . .           | 2                |
| Number of sections comprised . . . . . | 19               |
| Area of sections comprised . . . . .   | 385.33 acres     |
| Scale . . . . .                        | $\frac{1}{1000}$ |

## Plans showing contours at every foot, completed :

|                                        |                 |
|----------------------------------------|-----------------|
| Number of plans . . . . .              | 8               |
| Number of sections comprised . . . . . | 38              |
| Area of sections comprised . . . . .   | 769.21 acres    |
| Scale . . . . .                        | $\frac{1}{250}$ |

## Estimates of fillings completed :

|                                                            |     |
|------------------------------------------------------------|-----|
| Number of streets comprised . . . . .                      | 26  |
| Number of parcels of land outside of the streets . . . . . | 238 |

## Conveyances copied and titles looked up :

|                  |       |
|------------------|-------|
| Number . . . . . | 5,041 |
|------------------|-------|

## Plans copied from Suffolk Registry :

|                  |       |
|------------------|-------|
| Number . . . . . | 1,790 |
|------------------|-------|

## Miscellaneous plans completed :

|                  |    |
|------------------|----|
| Number . . . . . | 62 |
|------------------|----|

## Miscellaneous plans pentagraphed :

|                  |     |
|------------------|-----|
| Number . . . . . | 215 |
|------------------|-----|

## Miscellaneous plans traced :

|                  |     |
|------------------|-----|
| Number . . . . . | 205 |
|------------------|-----|

## Miscellaneous plans copied :

|                  |     |
|------------------|-----|
| Number . . . . . | 265 |
|------------------|-----|

## Blue-prints made :

|                  |     |
|------------------|-----|
| Number . . . . . | 250 |
|------------------|-----|

## Stone monuments set in districts covered by Plans 1, 2, 3, 4, 5, 6, 8, 9, and 10, for use in determination of position and location of street lines :

|                               |     |
|-------------------------------|-----|
| Number of monuments . . . . . | 112 |
|-------------------------------|-----|

Miscellaneous work includes tracings, estimates of areas by calculations, planimeter, etc., sketches and studies of different plats, copies of city's notes for use in the field, etc.

The expenditures of the Board of Survey from February 1, 1894, to February 1, 1895, have been as follows :

|                                                    |                    |
|----------------------------------------------------|--------------------|
| Salaries . . . . .                                 | \$57,841 50        |
| Surveyors' supplies . . . . .                      | 3,562 88           |
| Instruments and repairs . . . . .                  | 501 35             |
| Office fittings . . . . .                          | 427 27             |
| Stationery . . . . .                               | 584 14             |
| Printing . . . . .                                 | 656 35             |
| Advertising . . . . .                              | 222 41             |
| Carriage-hire . . . . .                            | 99 00              |
| Books and maps . . . . .                           | 119 85             |
| Incidental expenses, including employés' car-fares | 775 63             |
|                                                    | <hr/>              |
|                                                    | <u>\$64,790 38</u> |

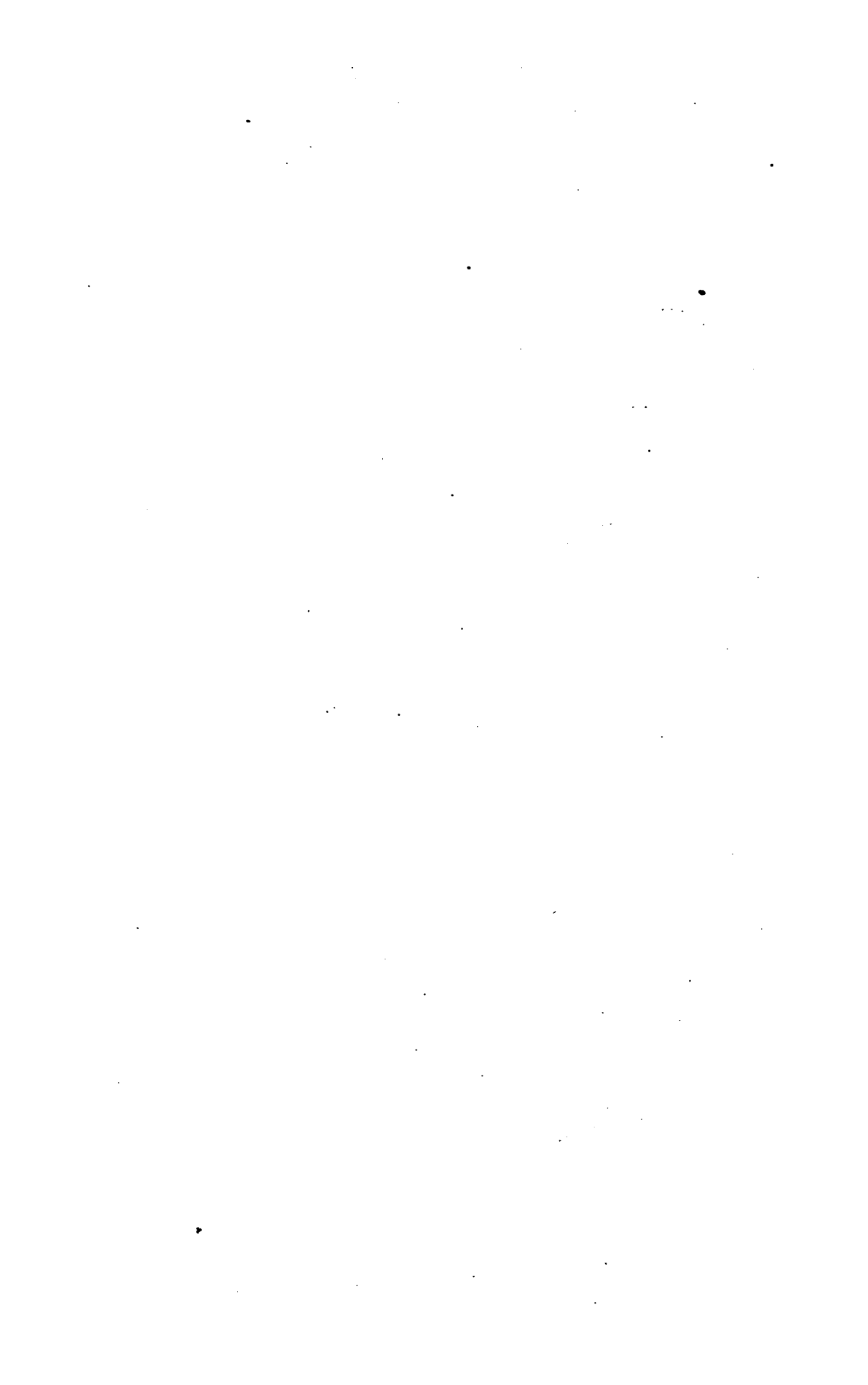
Respectfully submitted,

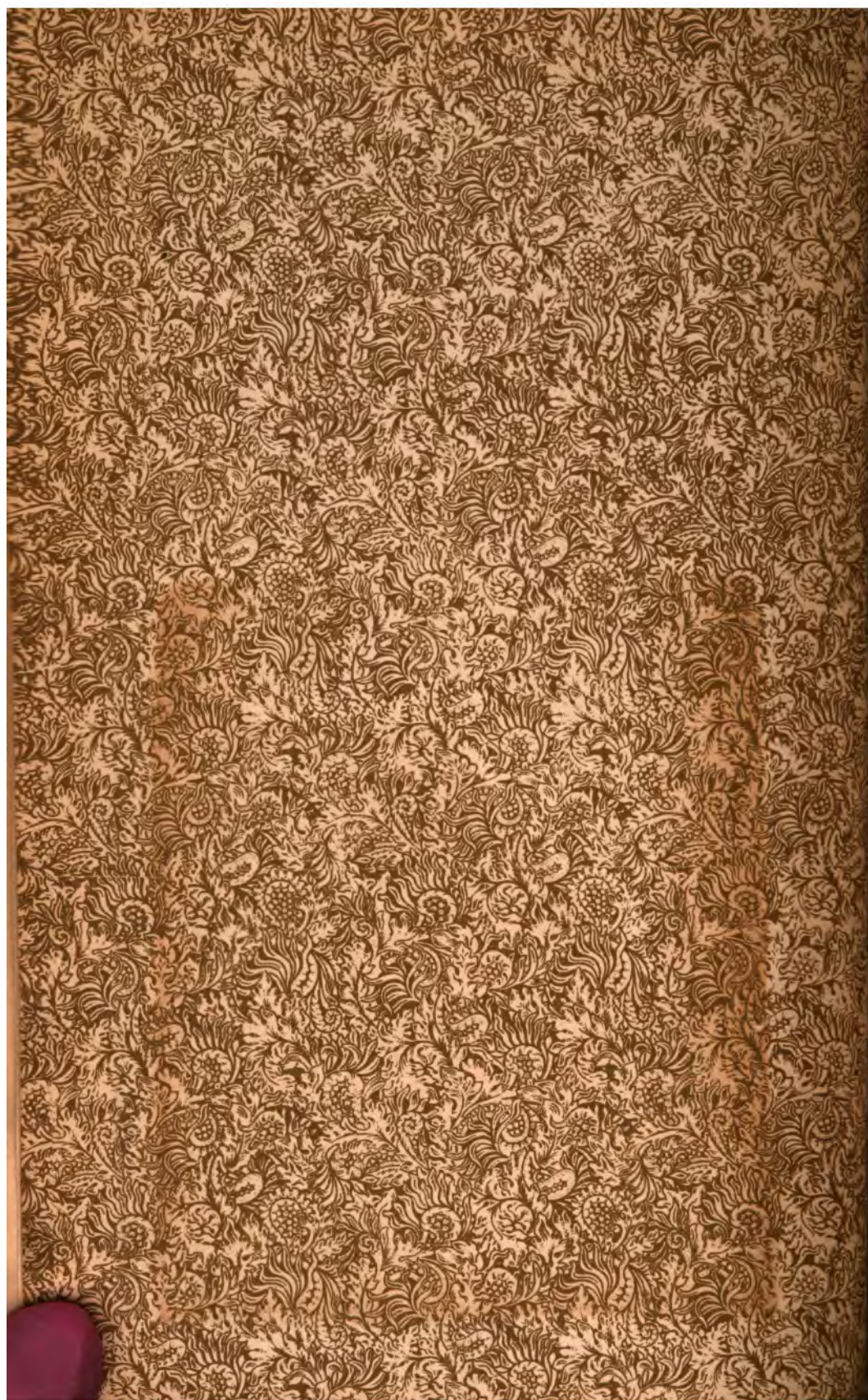
HUGH O'BRIEN,  
CHARLES MORTON,  
HUGH E. BRADY,  
*Board of Survey.*



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Bot. Boston Board of survey

v.3 Annual report.

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